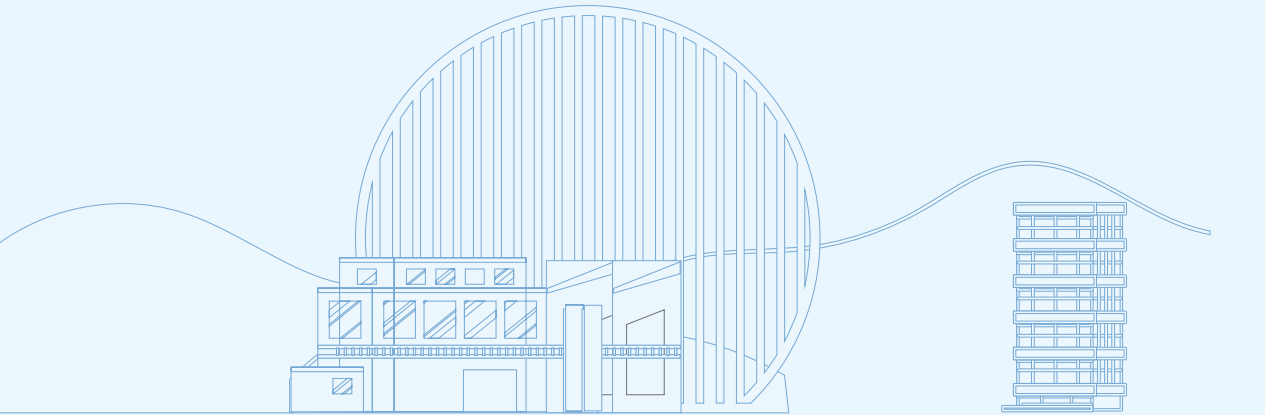




China Academy of Macroeconomics and Technology (CAM) is a research institution established by the State-owned Enterprises Directly under the Central Government, focusing on macroeconomic and technological research and consulting services for the government and enterprises.



About this Report

This is the 13th annual report on Corporate Social Responsibility (CSR) published by China Academy of Macroeconomics and Technology, Gaocheng, Ltd (CAM). It details the company's performance in social responsibility, including its commitment to the environment, employees, and the community.

Reporting Specification

The report is prepared in accordance with the "Guidelines to the State-owned Enterprises Directly under the Central Government on Fulfilling Corporate Social Responsibilities" issued by the State-owned Assets Supervision and Administration Commission of the State Council (SASAC), and the "Guidelines to the 2030 Agenda for Sustainable Development, GRI Sustainability Reporting Standards (GRI Standards)" by Global Sustainability Standards Board (GSSB) and Guidance on Social Responsibility Reporting (GB/T 36001-2015).

Reporting Period

2023 1 1
2023 12 31

The report covers the period from January 1, 2023 to December 31, 2023. It includes the company's performance in social responsibility, including its commitment to the environment, employees, and the community.

Reporting Scope

China Academy of Macroeconomics and Technology, Gaocheng, Ltd, and its subsidiaries.

Data Source

The data in this report is primarily derived from the company's internal records and external data sources.

Compilation Conformance

GRI 2030 GSSB
GRI Standards
GB/T 36001-2015

The report is prepared in accordance with the Guidelines to the State-owned Enterprises Directly under the Central Government on Fulfilling Corporate Social Responsibilities issued by the State-owned Assets Supervision and Administration Commission of the State Council (SASAC), and the Guidelines to the 2030 Agenda for Sustainable Development, GRI Sustainability Reporting Standards (GRI Standards) by Global Sustainability Standards Board (GSSB) and Guidance on Social Responsibility Reporting (GB/T 36001-2015).

Access to the Report

<http://www.cam.com.cn/>
The report is published on the company's website. You can find the report by clicking on the link: <http://www.cam.com.cn/>.

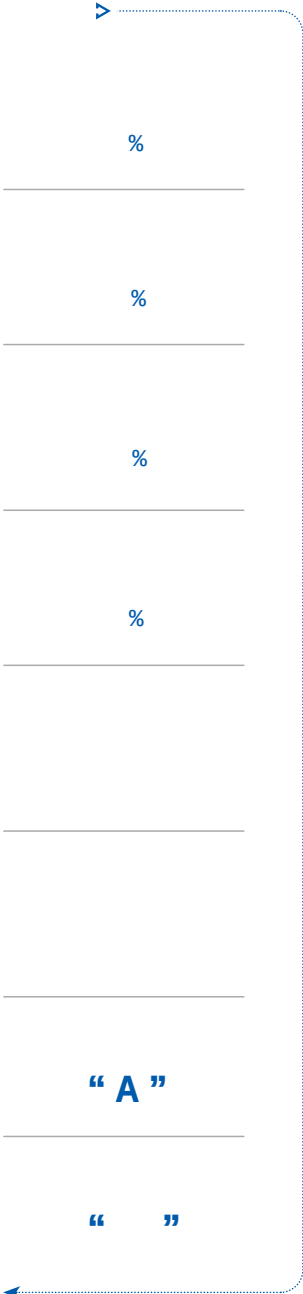
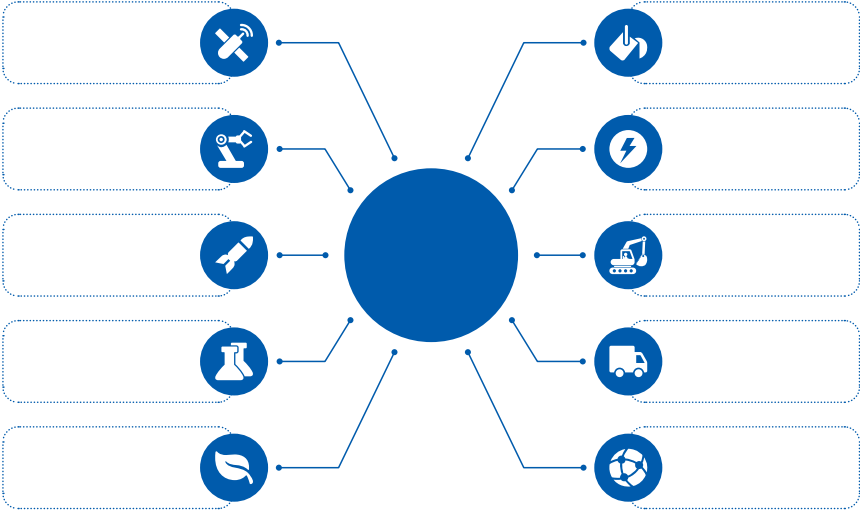


Scan the QR code to read the report.

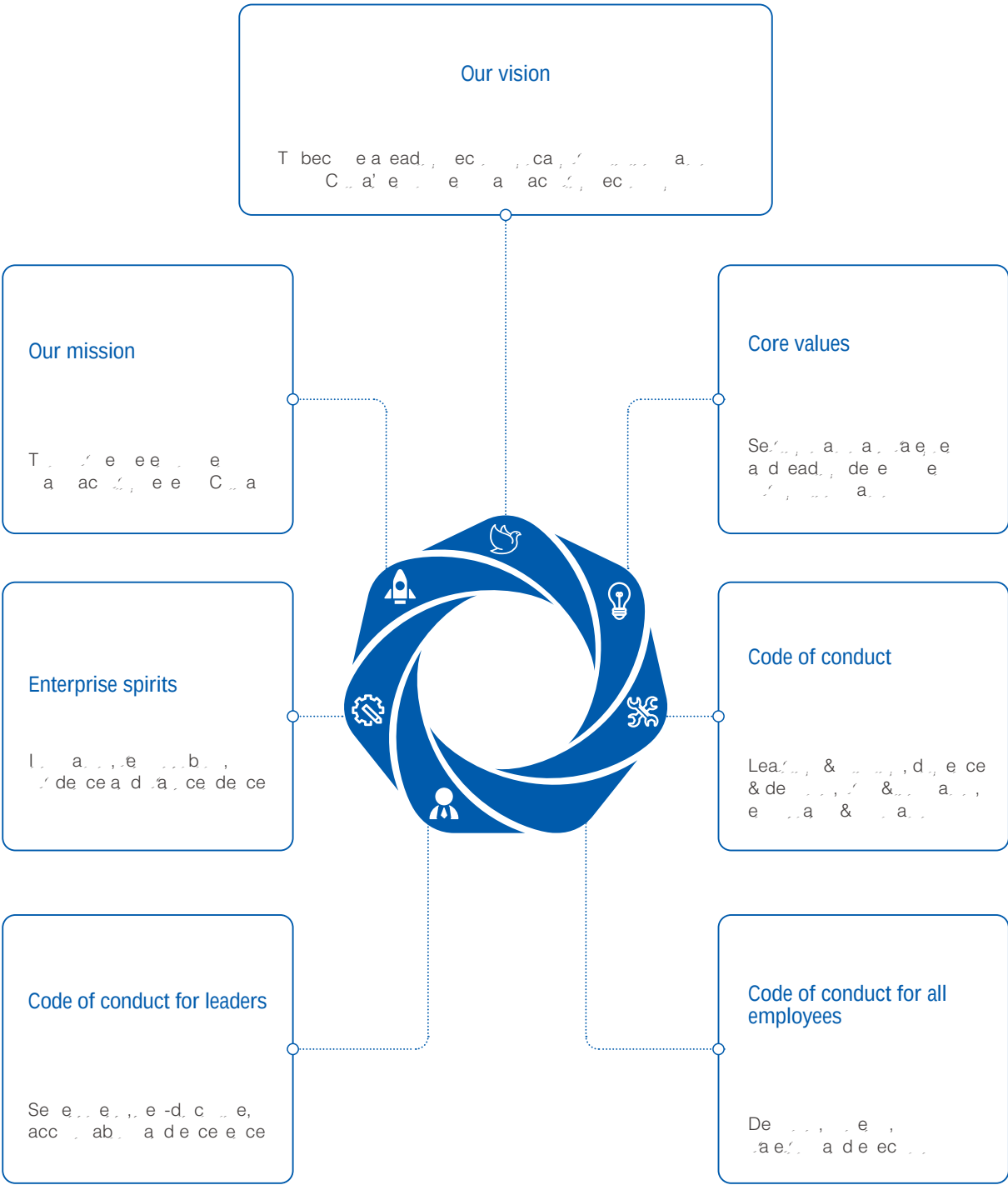
About Us

Group Profile

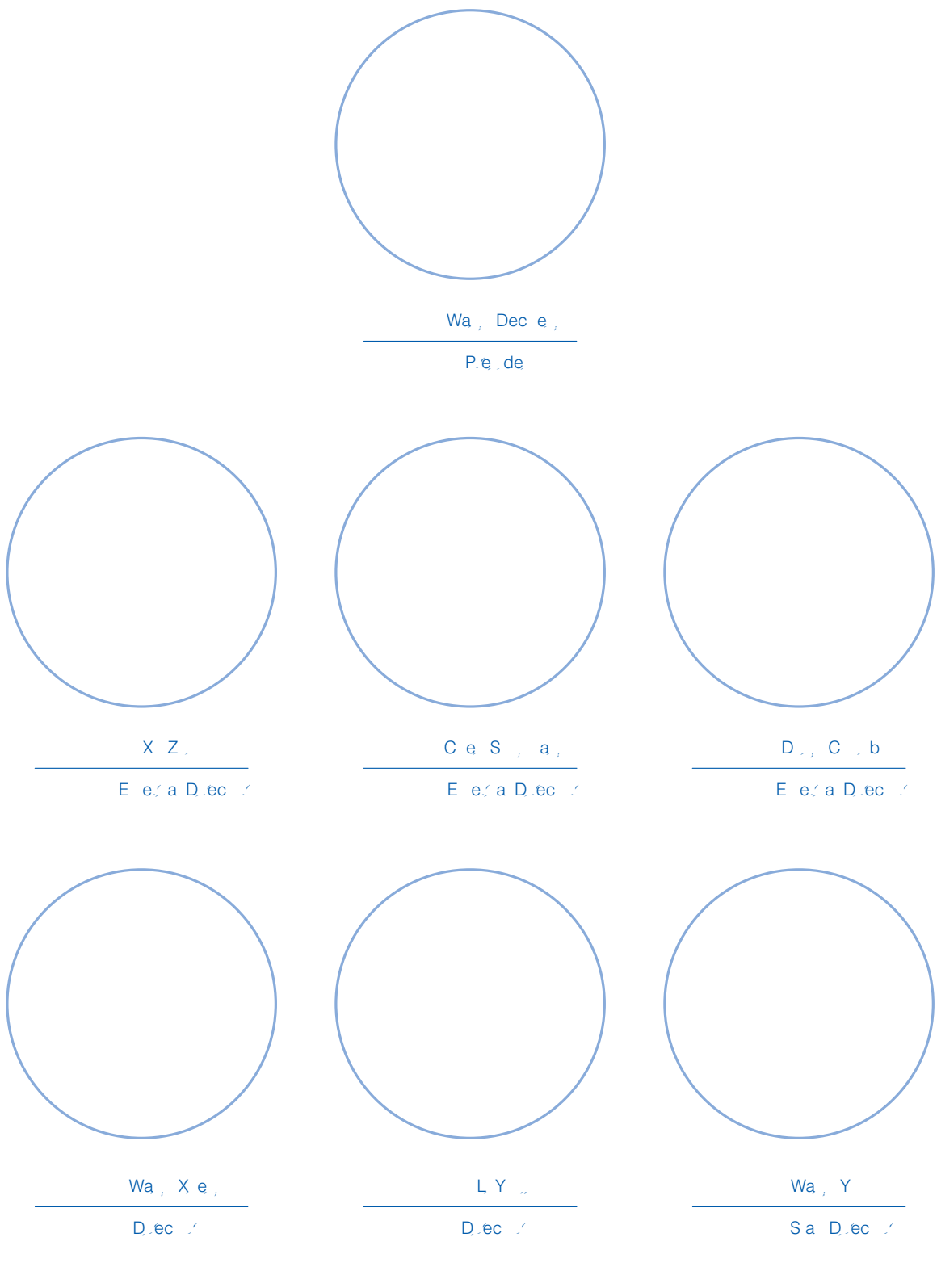
China Academic Machine Science and Technology Group Co., Ltd. (CAM) was established in 1956, as a state-owned enterprise. It is a leading enterprise in the field of machine science and technology. The company has a long history and a strong reputation in the industry. It has a large number of employees and a wide range of products. The company is committed to innovation and development, and has achieved significant achievements in the field of machine science and technology. It has a strong research and development team, and has a large number of patents. The company is also committed to social responsibility and has a good reputation in the community.



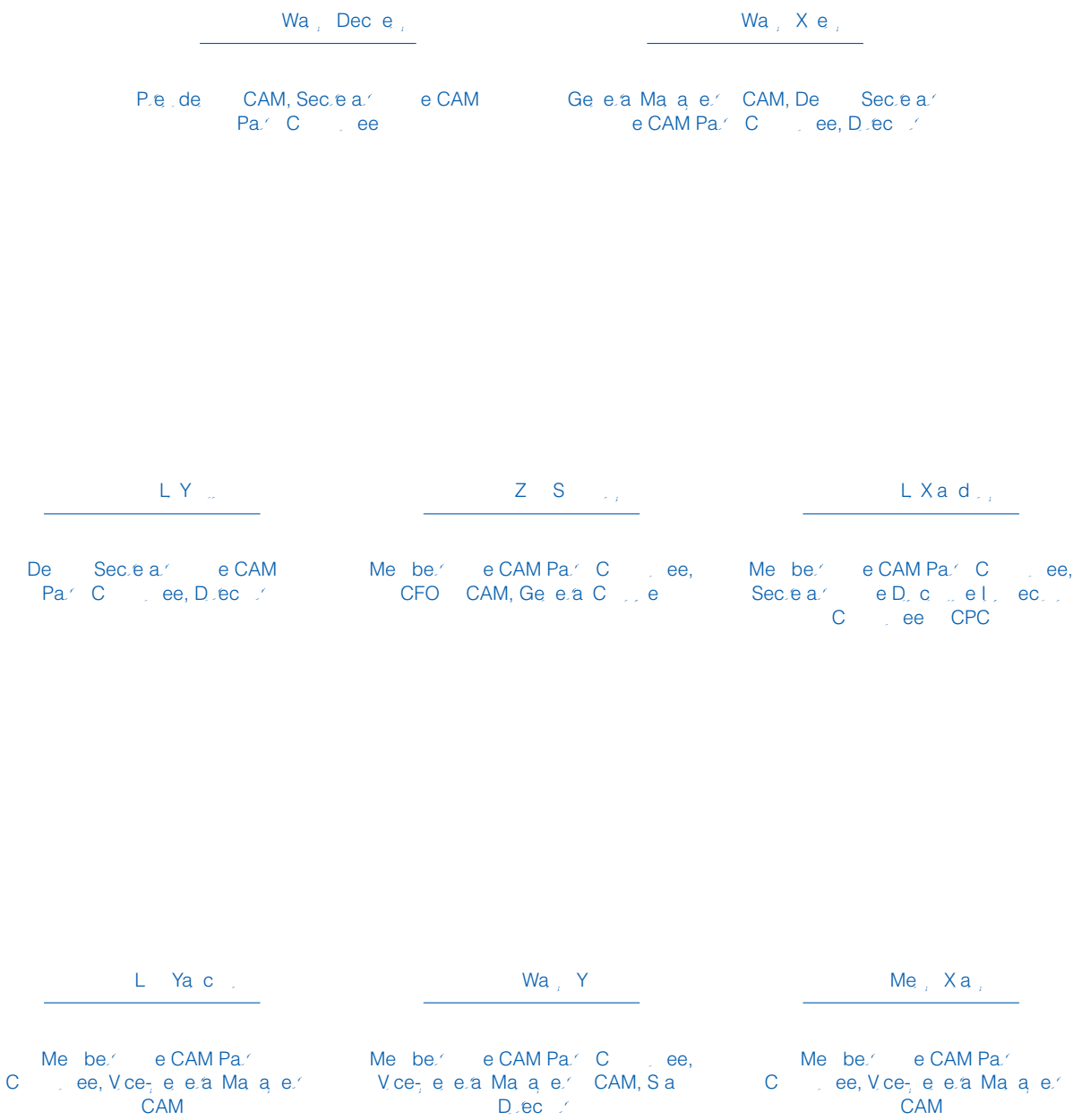
Corporate Culture



Board of Directors



Administration Group



Department of General Affairs

Harbin Welding Institute Limited Company

Zhengzhou Research Institute of Mechanical Engineering Co., Ltd.

First Design and Research Institute MI China Co., Ltd.

China Academy of Machinery Beijing Research Institute of Mechanical & Electrical Technology Co., Ltd.

Jiangsu Branch of China Academy of Machinery Science and Technology Group Co., Ltd.

China Academy of Machinery Science&Technology Qingdao Branch Co., Ltd.

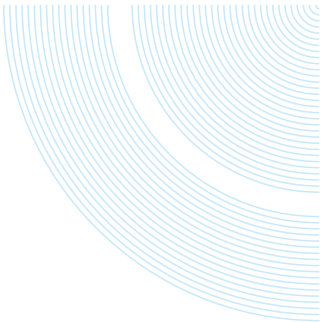
China Academy of Machinery Ningbo Academy of Intelligent Machine Tool Co., Ltd.

Shanxi Electromechanical Design Institute Co., Ltd.

China Machinery Huanyu Certification and Inspection Co., Ltd.

Degree in Mechanical Science Research Institute and Graduate Education

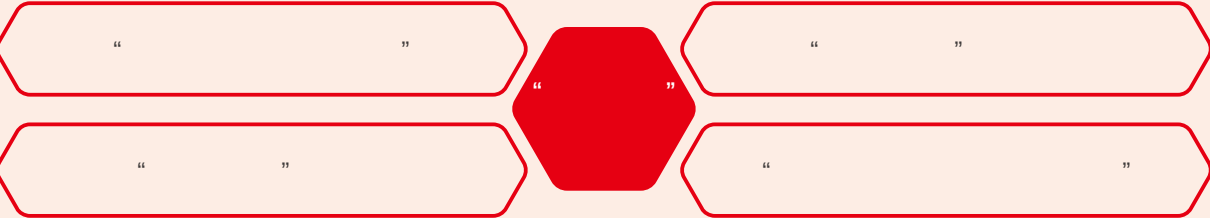
China Academy of Machinery Science and Technology Group Co., Ltd.



CSR Feature 1

Implementing the Guiding Principles of the 20th CPC National Congress to Forge Ahead on the New Journey

2023 was the first year for fully implementing the guiding principles from the 20th CPC National Congress. CAM thoroughly grasps and implements the spirit of President Xi Jinping's important instructions, carefully considers the new features and requirements of the themed education on learning and implementing Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, and firmly focuses on the general requirements of "learning the principles, enhancing political awareness, emphasizing implementation and making new achievements." By establishing working mechanism, improving organizational system and fulfilling responsibilities, we further implement the working mechanism of "Three Five One Two" to ensure solid theoretic study, pragmatically advancing development and strict supervision and ratification, thus forming a mighty force to pursue high-quality development.



“Learning the principles, enhancing political awareness, emphasizing implementation and making new achievements.”

Holding Fast to the “Three Studies to Deepen, Internalize and Transform Learning for Better Understanding” to Improve the Effectiveness

“Establishing working mechanism, improving organizational system and fulfilling responsibilities.”

Bearing in Mind the Five-character Criteria of “Intensive, Pragmatical, Detailed, Targeted and Effective Research” to Ensure Research Conducted by Leaders Practical

“Ensuring solid theoretic study, pragmatically advancing development and strict supervision and ratification.”

Adhering to “Integrated Supervision and Ratification” to Effectively Resolve Diffculties

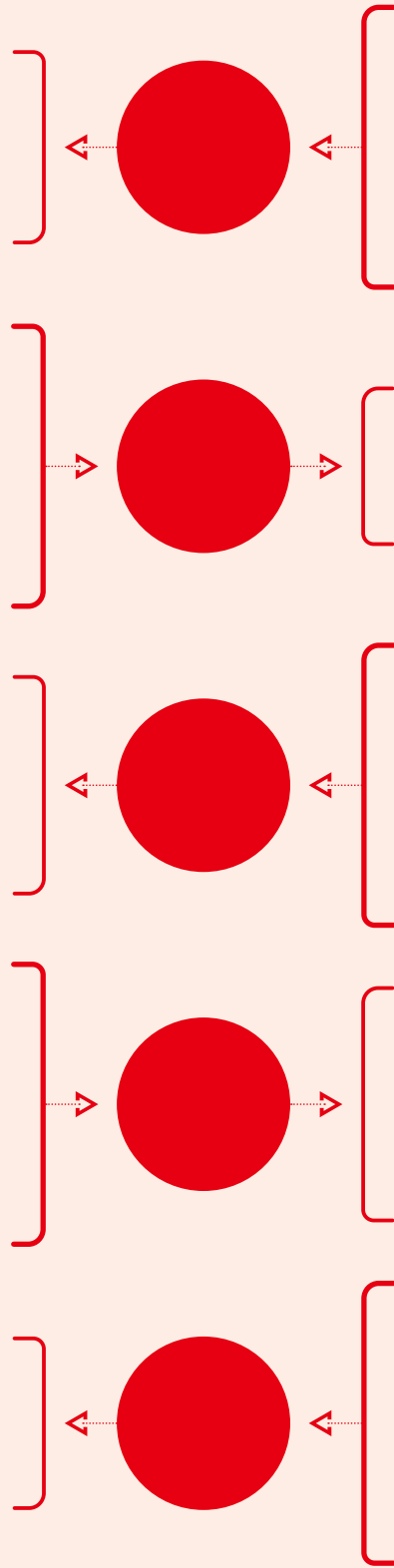
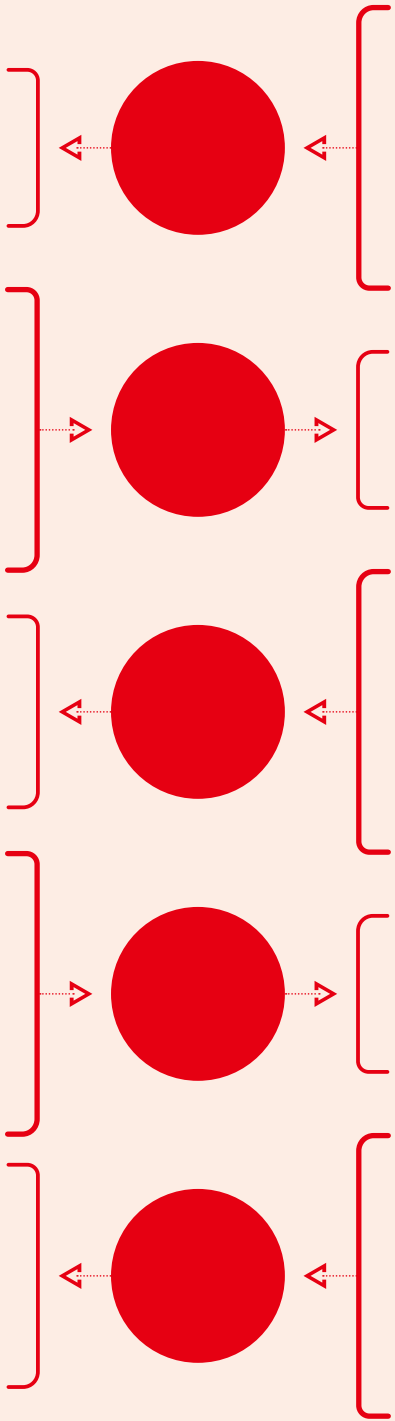
“Forming a mighty force to pursue high-quality development.”

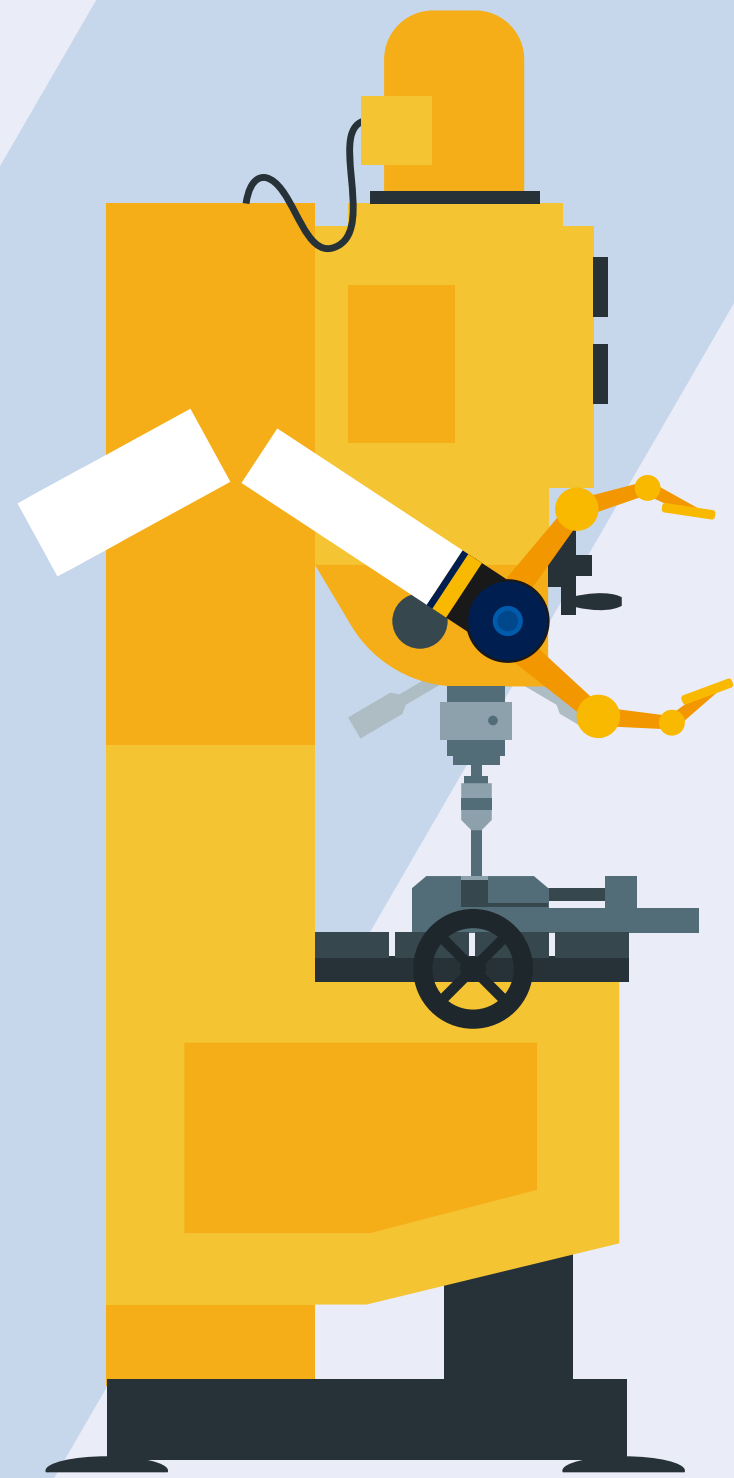
Following the Principle of “Two Promotions and Two Simultaneous Development” to Score New Achievements in Reform and Development



2023

Top Ten CSR Key Words in 2023

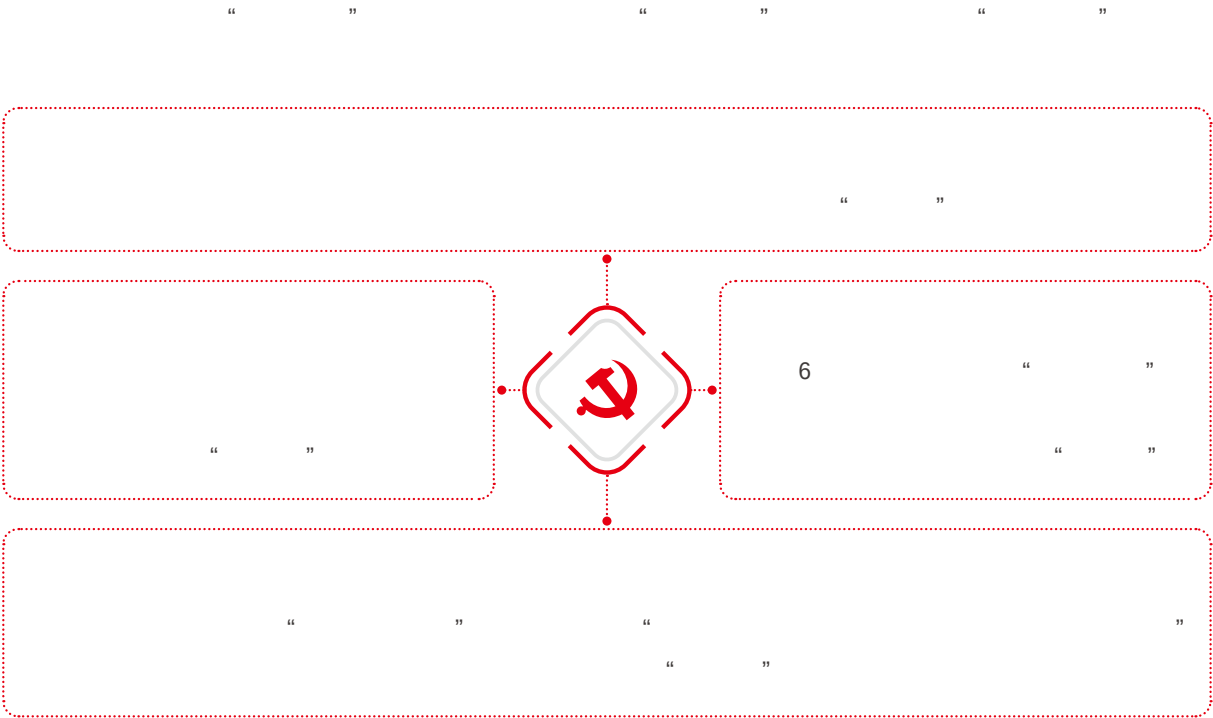




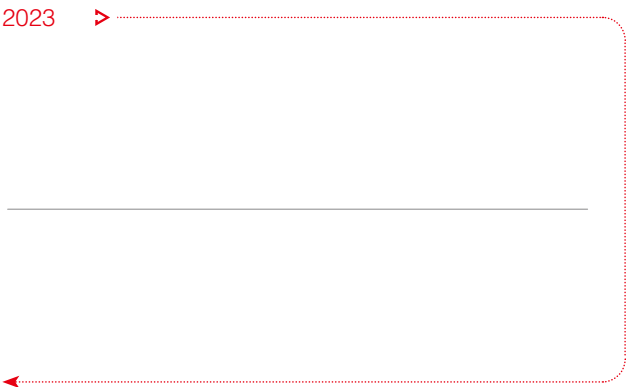
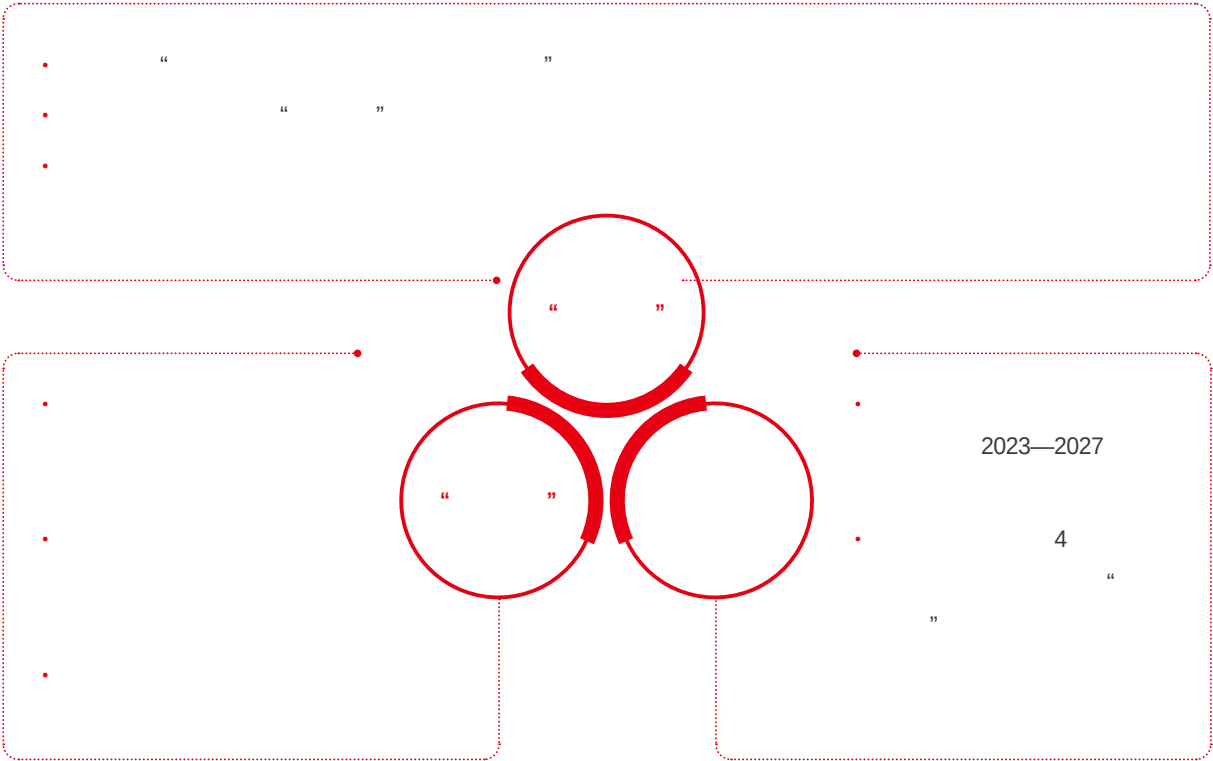
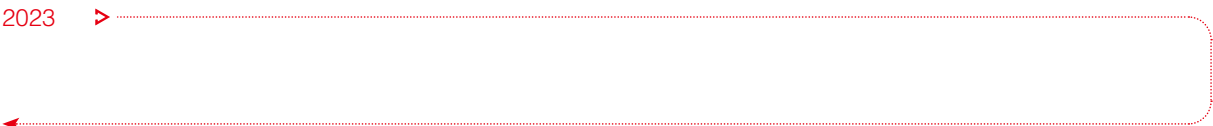
Adhering to the Guidance of Party Building

CAM stays committed to political leadership, upholds Party building guidance and forges the Party building brand of “Conviction Enhancement and Action Empowerment” in all respects. We open new ground to deeply integrate Party building into business operation, effectively transforming strength of Party building into driving forces for innovation and development.

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Party Building Brand of “Conviction Enhancement and Action Empowerment”

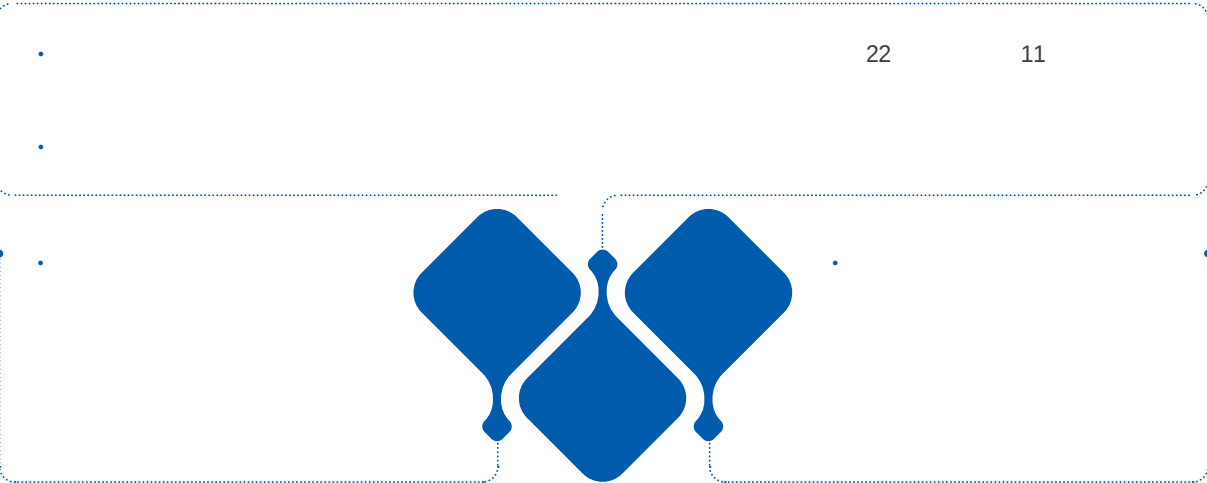


Exercising Full and Rigorous Party Self-governance



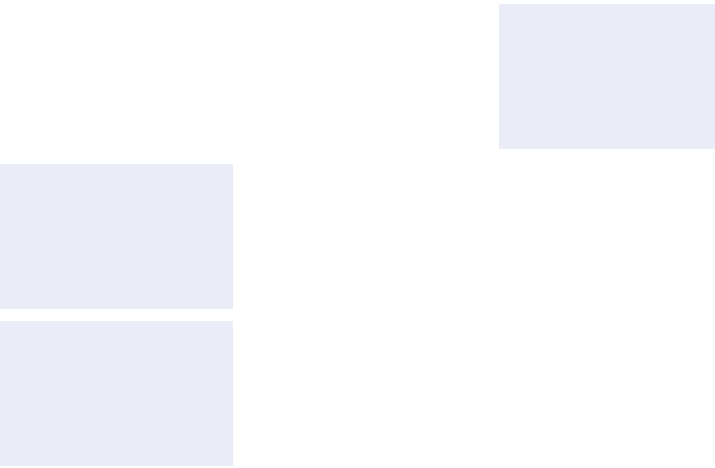
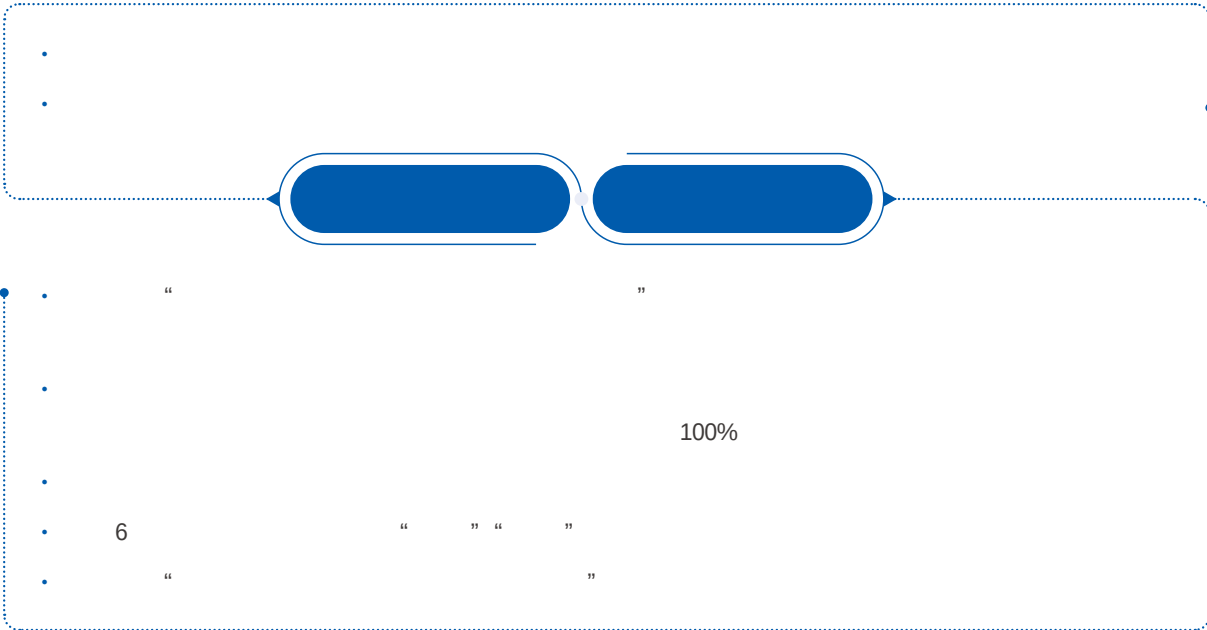
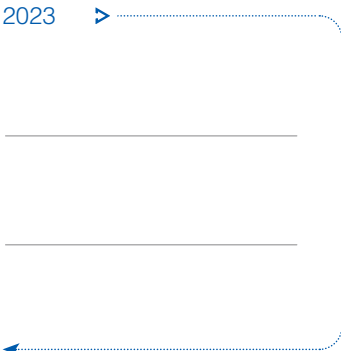
Strengthening Strategic Guidance

CAM strengthens the strategic initiative and focuses on key strategic missions to advance the implementation of Double Growth strategic goal and the surpassing of the mid-term strategic goals set for the 14th Five-Year Plan period. We have made remarkable progresses in innovation empowerment, industry quality enhancement and management improvement, and steadily advanced industrial upgrading and resource efficiency enhancement. With these efforts, we expedite the building of a world-class innovative company, providing strong support for building China into a leading country in technology.



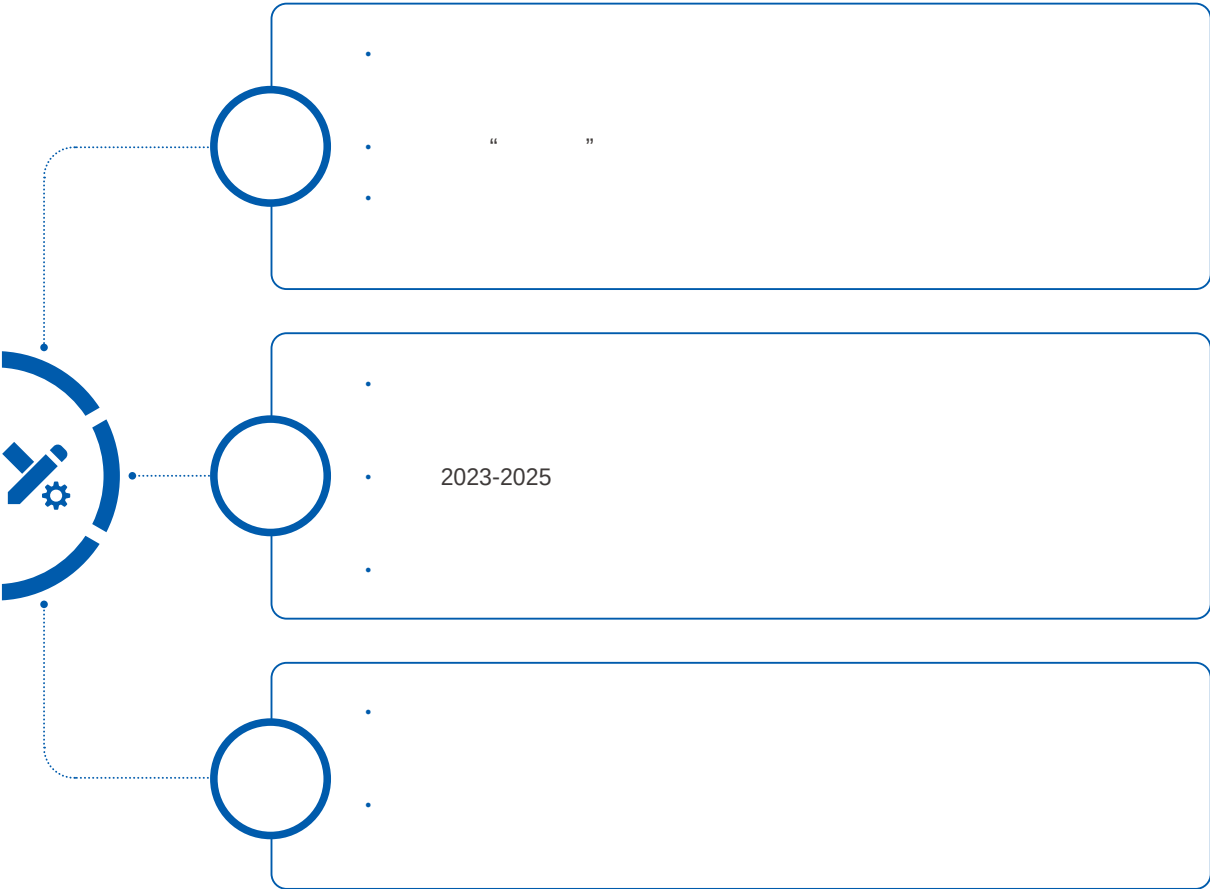
Optimizing Corporate Governance

CAM continues to promote the deep integration of the Party leadership and the improvement of corporate governance, give better play to the leading role of the Party Committee to “chart our course, craft overall plans, and promote implementation”, the responsibilities of the board to “formulate strategies, make decisions, and prevent risks”, and the functions of the management to “ensure smooth operation, safeguard implementation and strengthen corporate governance.” In this way, we keep improving the corporate governance capacities to facilitate the high-quality development of the Group.



Promote Compliance Management

CAM constantly improves the six “major compliance” operating mechanism, and benchmarks against world-class and industry-leading initiatives. We continuously intensify the effective measures of SASAC’s “Year of Compliance Management Enhancement” to prevent and resolve significant risks, and ensure business operations of the Company in compliance with laws.



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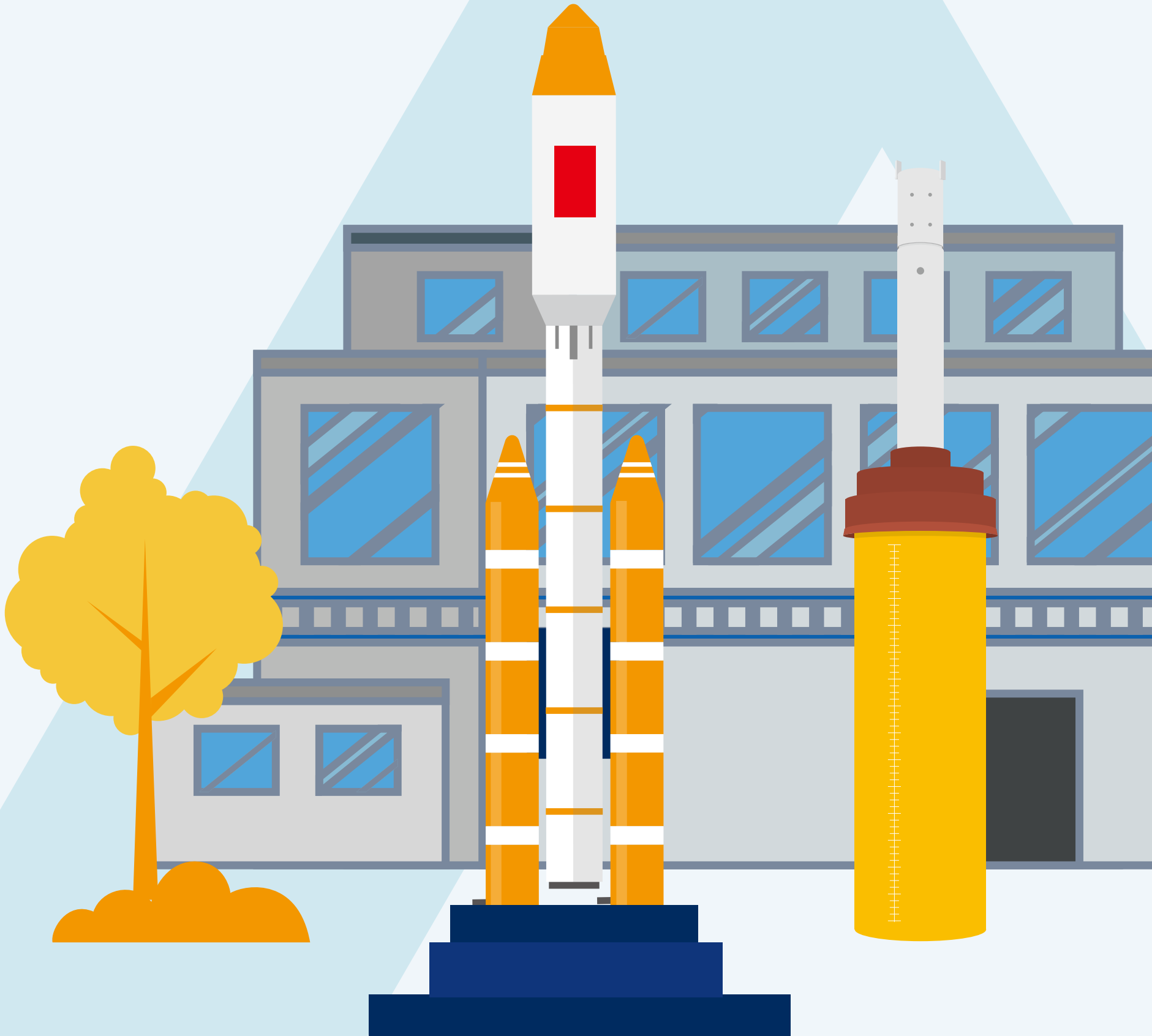


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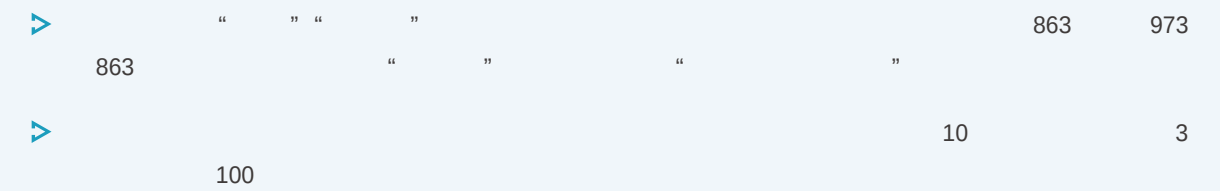
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Promoting the Spirit of Scientists

Regarding talents as the primary resource and innovation as the primary driver of growth, CAM ramps up efforts to promote the spirit of scientists, encourages talents to scale new heights with pioneering spirit. Equipped with the most complete and largest R&D team with strategic thinking, scientific sentiments and strong innovation capabilities in China's equipment manufacturing industry, the Group's technology research system has laid a solid foundation for building a world-class innovative company and nurturing China's strength in equipment manufacturing.

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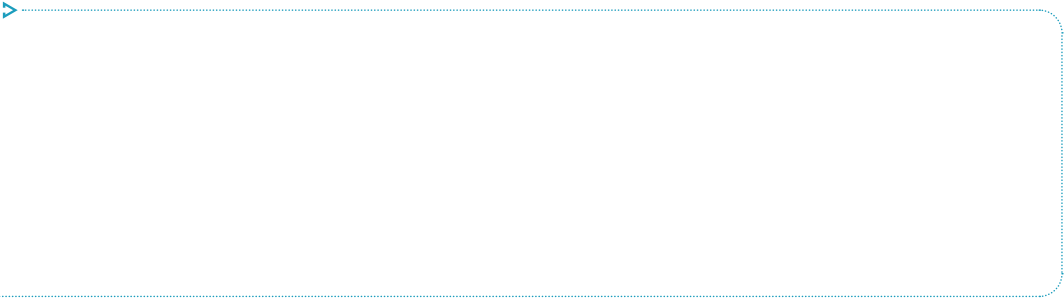


Improving Innovation System

CAM accurately grasps new mission and positioning of central SOEs on the new journey in new era, follows the guidance of “systematic innovation and high-efficient investment”, and deepens the building of the “one academy, two systems” innovation system driven by practical results. In this way, we form an efficient enterprise-led innovation R&D model to enhance original innovation capabilities from the source.

Creating Innovation Hubs

CAM resolutely shoulders the important responsibility and mission of high-end equipment innovations, focuses on core innovation direction of our primary responsibilities and main businesses, and steadily advances the systematic deployment of “one set of platforms”. With these efforts, we form a new innovation system which meets the strategic needs of the nation, enables more powerful innovation sources, and leads faster regional development, so as to consolidate the foundation for the innovative development of S&T central SOEs.



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Scaling Technology Heights

CAM deeply implements the national innovation strategy, faces the world's scientific and technological frontiers and major national needs, keeps in mind the original mission of scientific and technological innovation, actively carries out a number of key technologies,universal technologies, and cutting-edge technologies, vigorously supports major national projects with high-level scientific research results, and continues to strengthen our sense of missions on core functions. The Group ramps up efforts to deliver “concrete high-level scientific research achievements”, take simultaneous steps to advance S&T innovations and commercialization of R&D results, and speed up the cultivation of new growth engines in strategic emerging sectors. By doing so, we give full play to the central SOE's roles of S&T innovation, industry control and security support in modernizing the industrial system and creating a new pattern of development.

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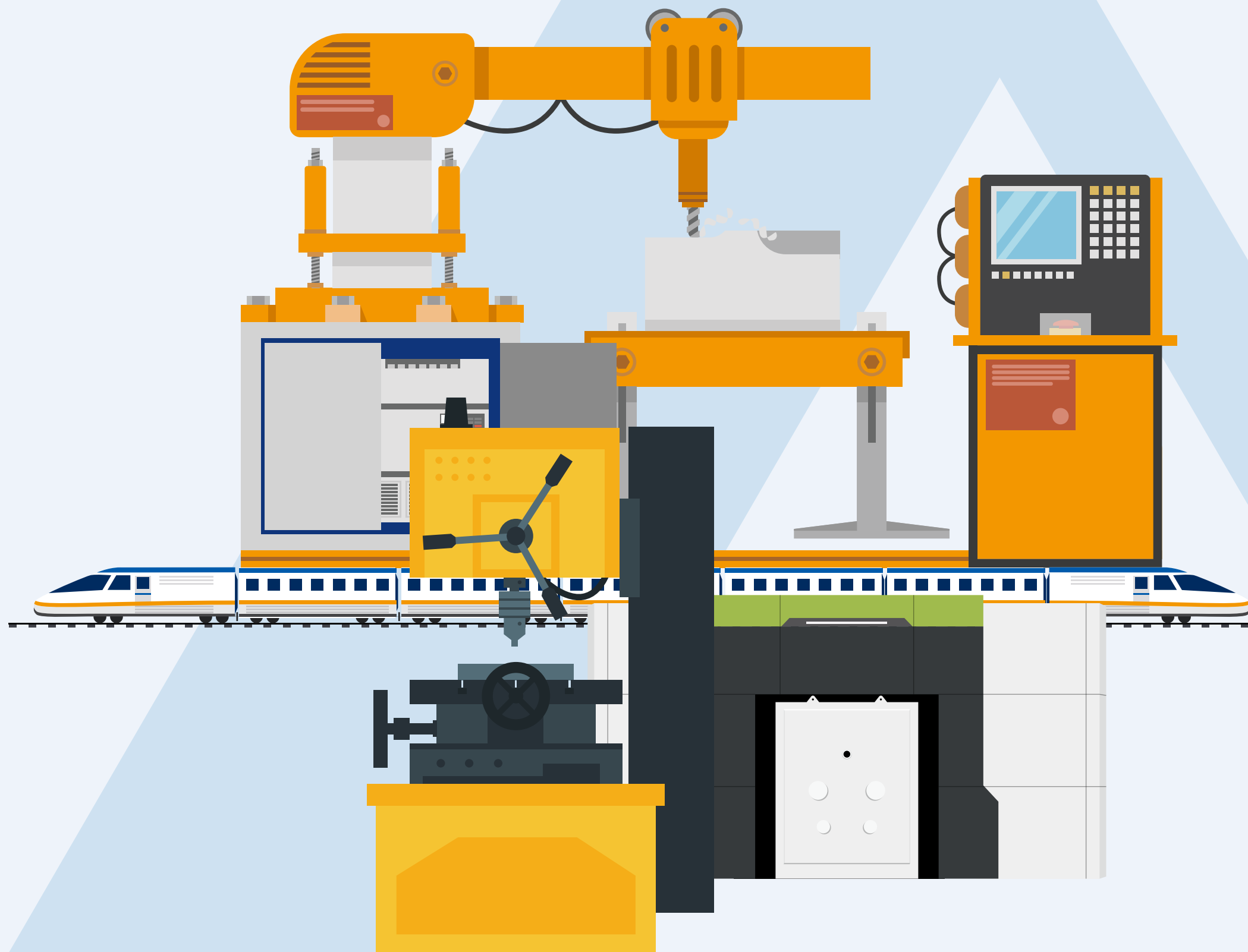
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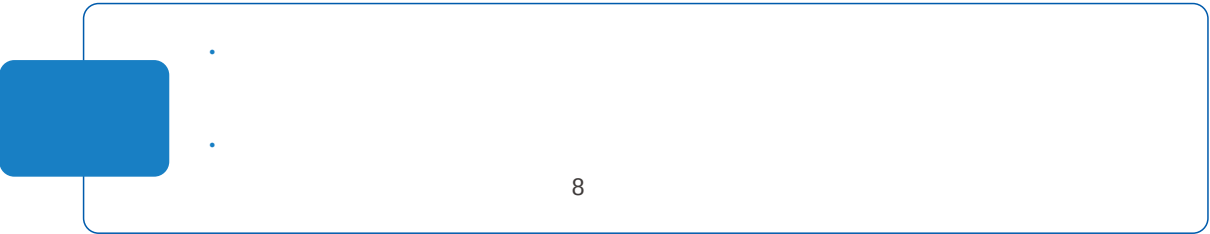
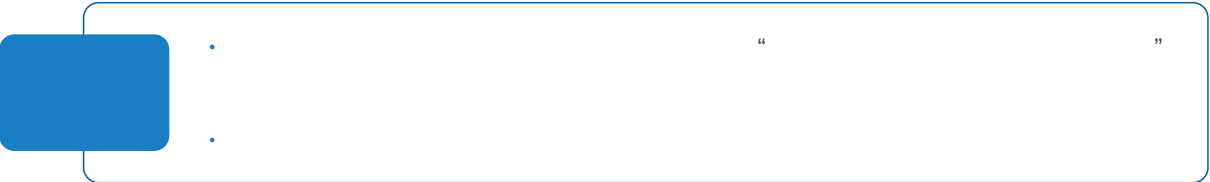
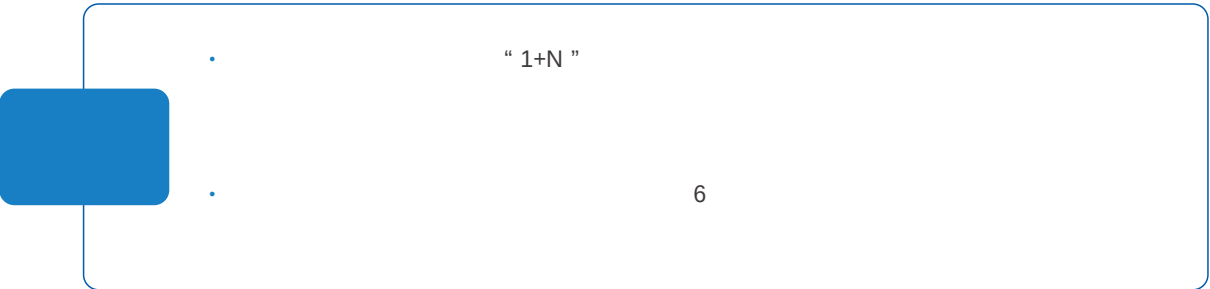
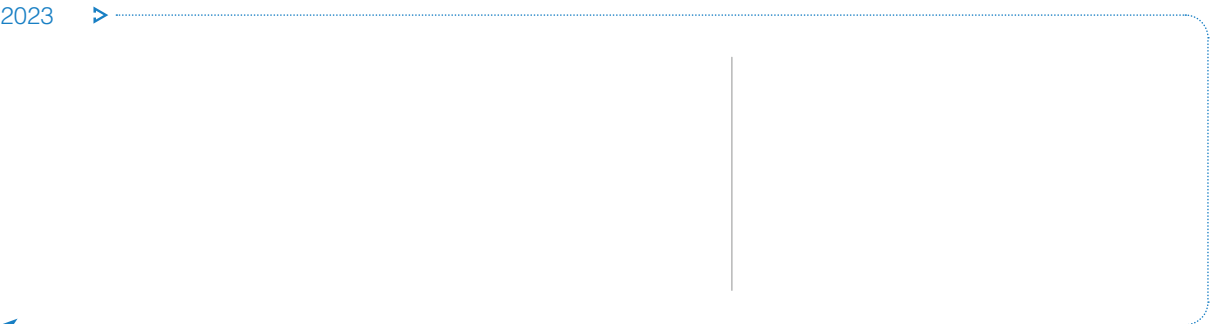
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Optimizing Industry Layout

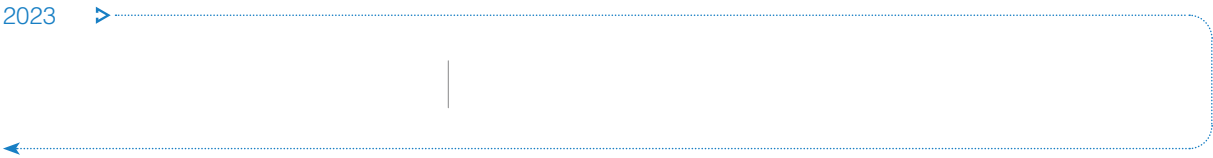
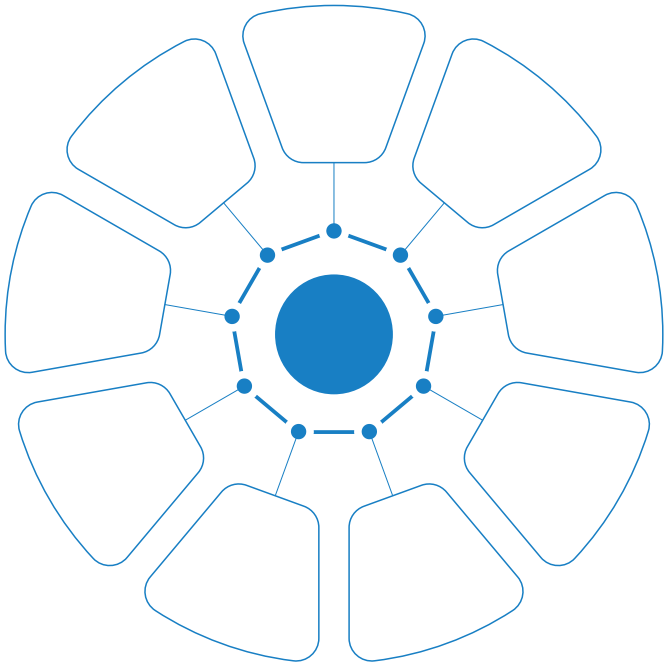
CAM remains committed to advancing both strategic emerging industry and traditional industry, promotes the industrialization of equipment research results, and creates new business models and new engines of economic growth with an aim to enhance the core supporting strength serving the modernized industrial system of China.



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Upgrading Platform Services

CAM always positions itself as a central state-owned enterprise highlighting public service and technology, creates one set of high-quality and efficient service brands providing multiple supports encompassing standard, testing, think tank, etc., and creates the specialized industry service which integrates certification and inspection. We support national nuclear safety supervision, provide full-process engineering consulting services and overall solutions, and promote the full integration of modern service industry and advanced manufacturing in China.

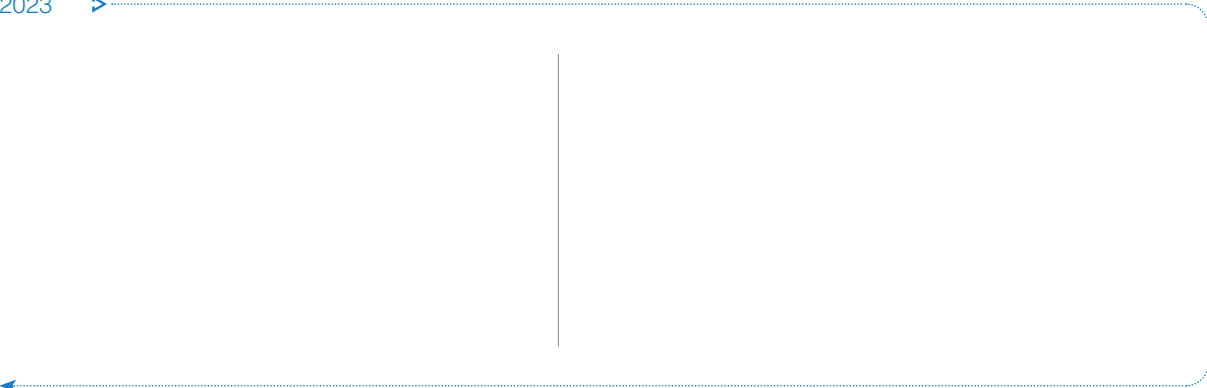


Standardization

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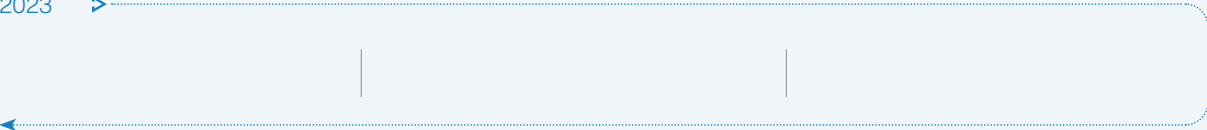
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Product Testing Service

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Certifcation and Review

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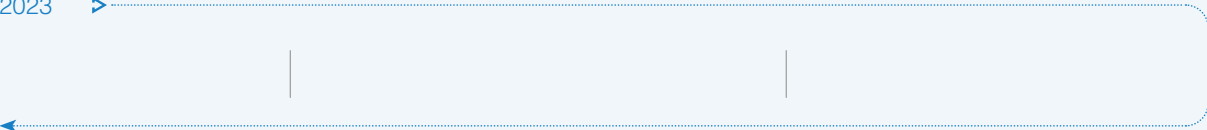
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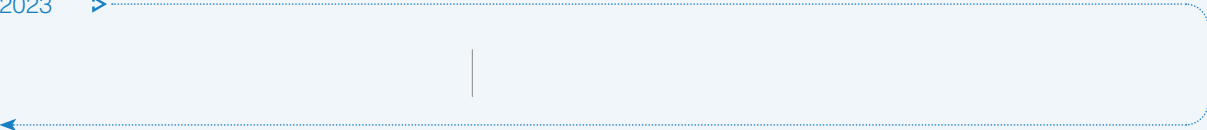
Journals

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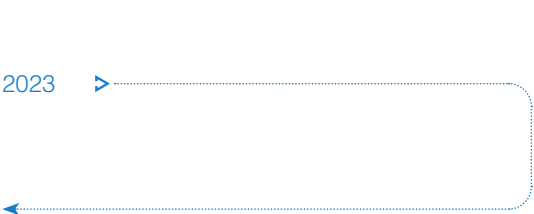
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Strategic Planning and Industrial Consulting



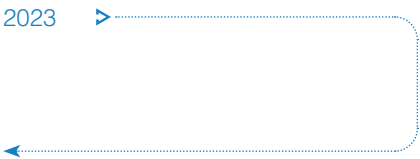
Technical Service



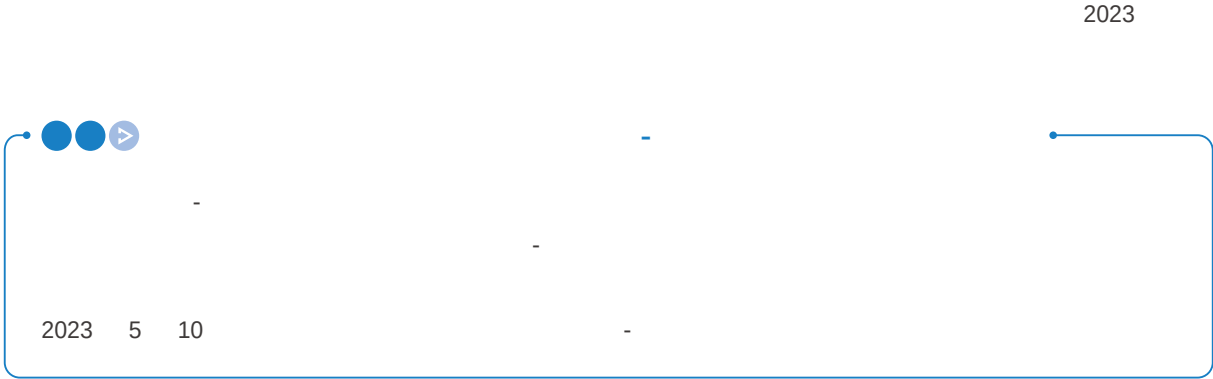
Nuclear Safety and Review



Engineering Consulting, Design and Supervision Services



File Management and Service

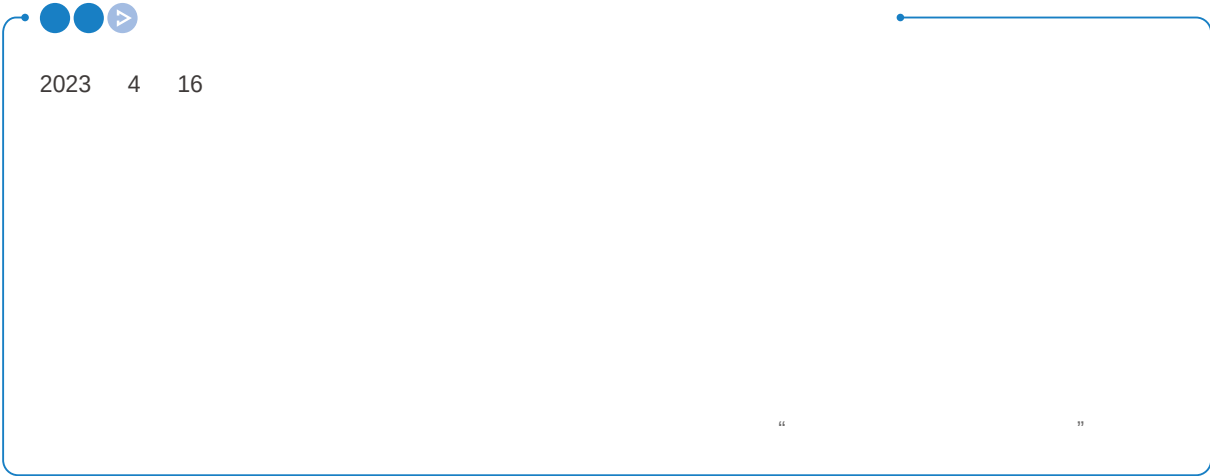


Deepening Collaboration and Exchange

CAM actively builds a multi-feld, multi-level and all-round strategic cooperative relationship, creates a mechanism for multiple parties to reinforce each other, and solidifes strategic cooperation and alliance platform, so as to promote closer collaboration between industries, universities, and research institutes, regional collaborative innovation and win-win cooperation among enterprises.

Industry-university-research Cooperation

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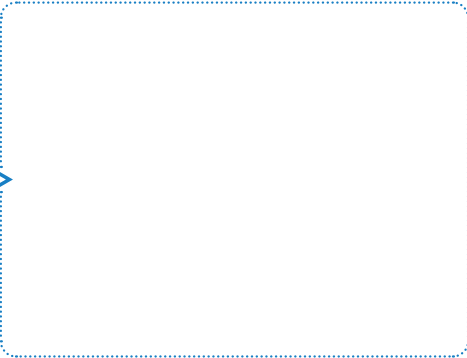
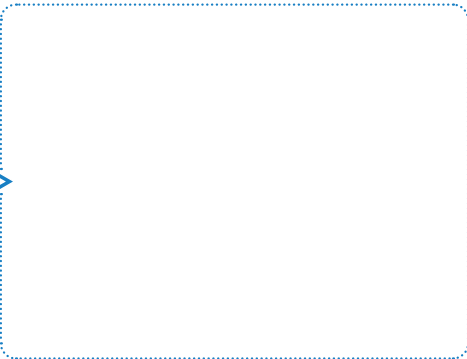


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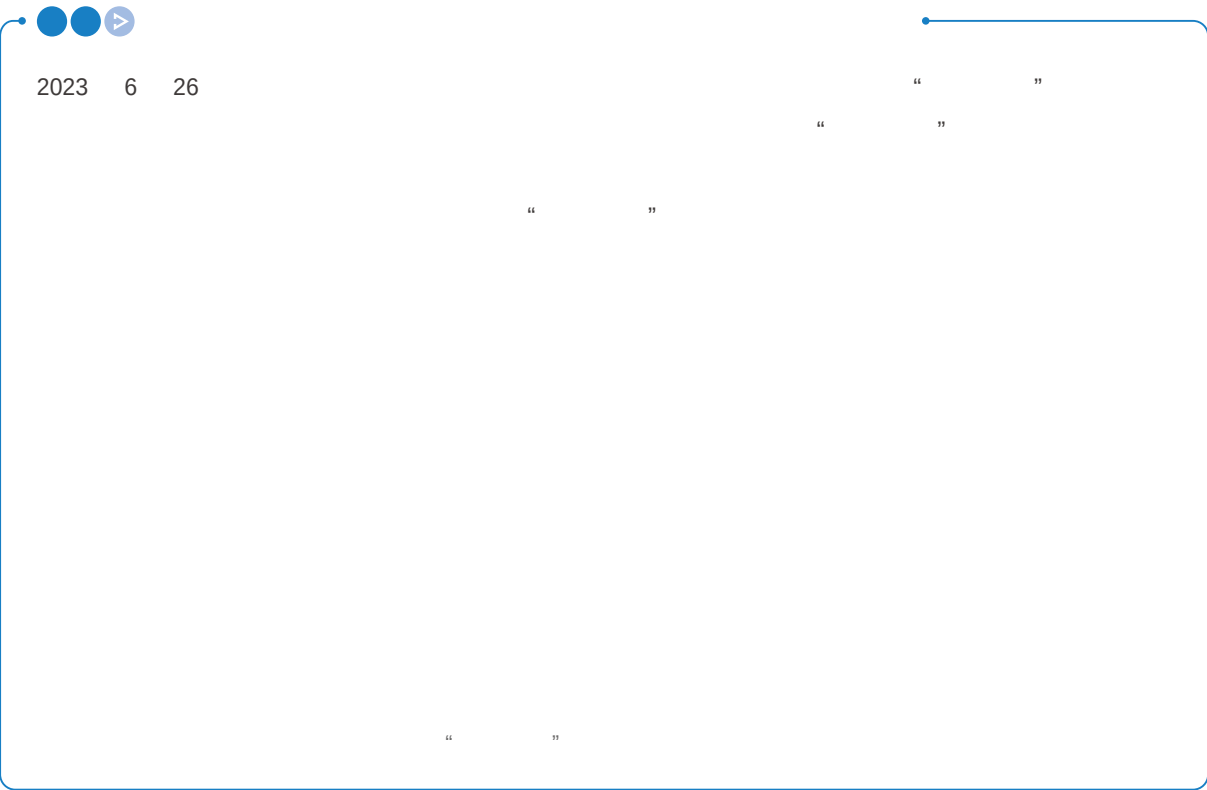
Regional Cooperation

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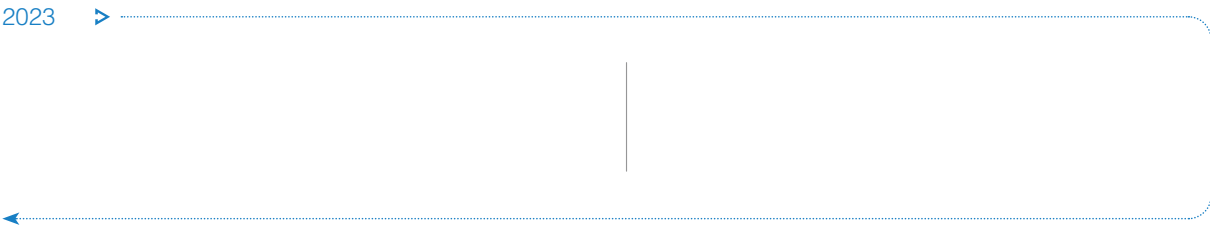


Corporate Cooperation



Pooling Talents and Strength for Win-win Cooperation

CAM actively builds platforms for industry exchange and international collaboration, organizes and participates in industry academic conferences, technology seminars, product exhibitions, and other activities, and conducts in-depth research on market demand and technological trends, with an aim to tap industry development potentials in an all-round way and enhance the sustainable development level of the industry.



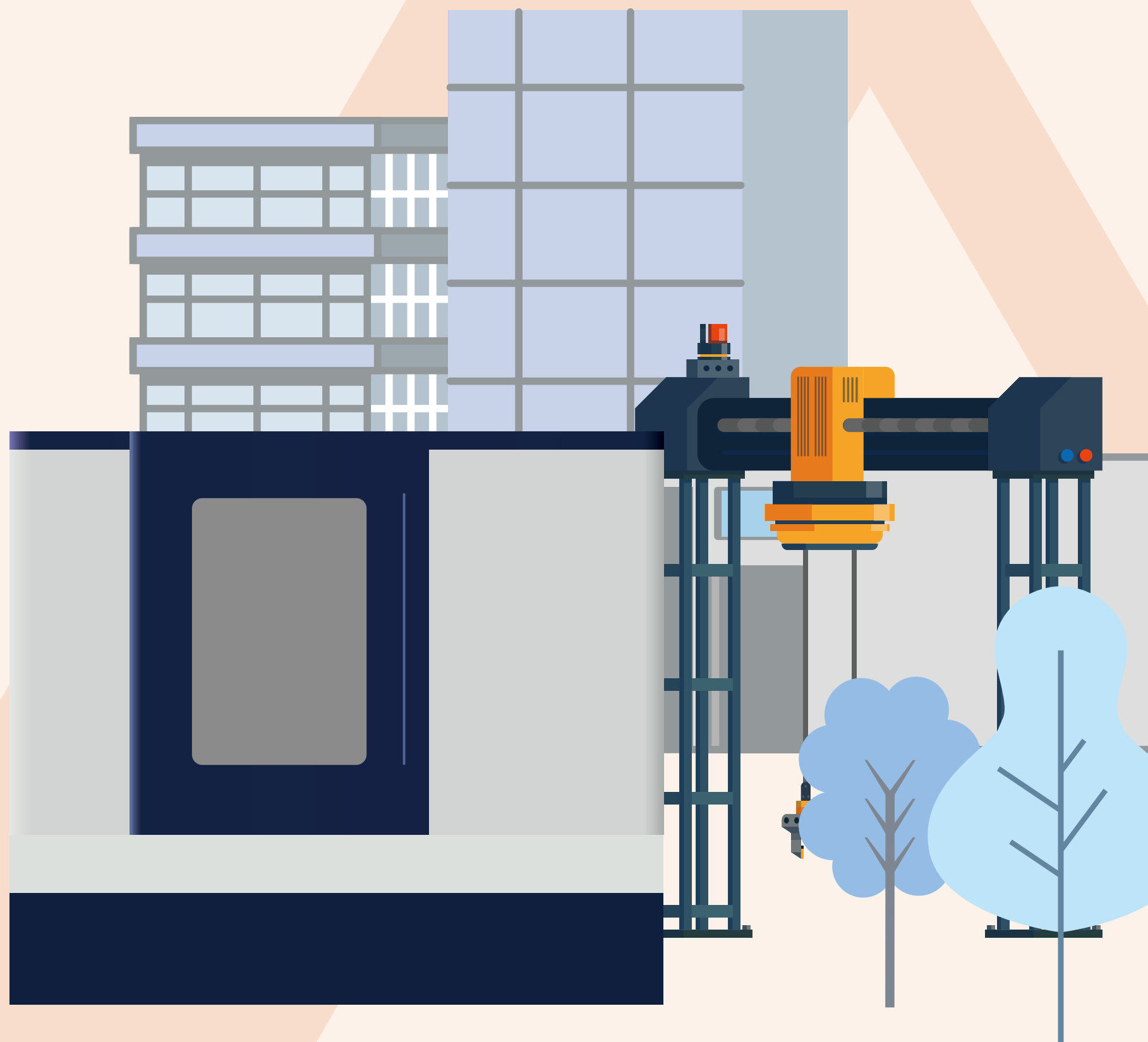
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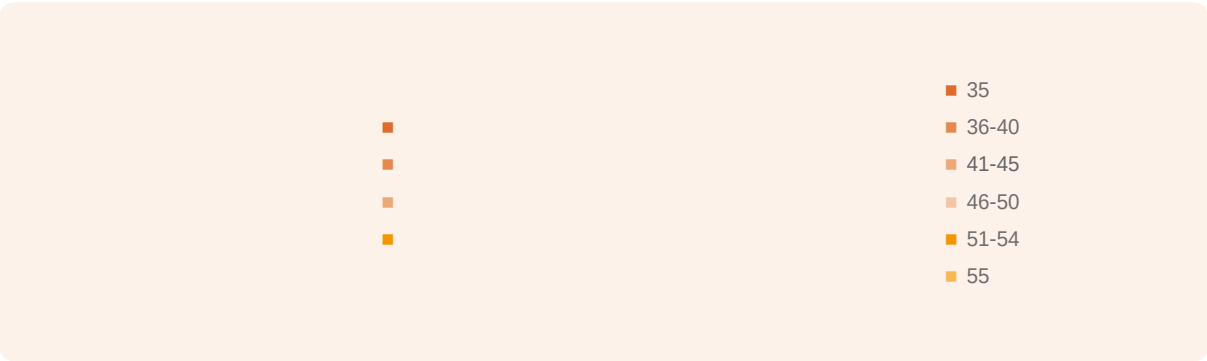
Enhance Benefits for Employee with



Protecting Employees Rights

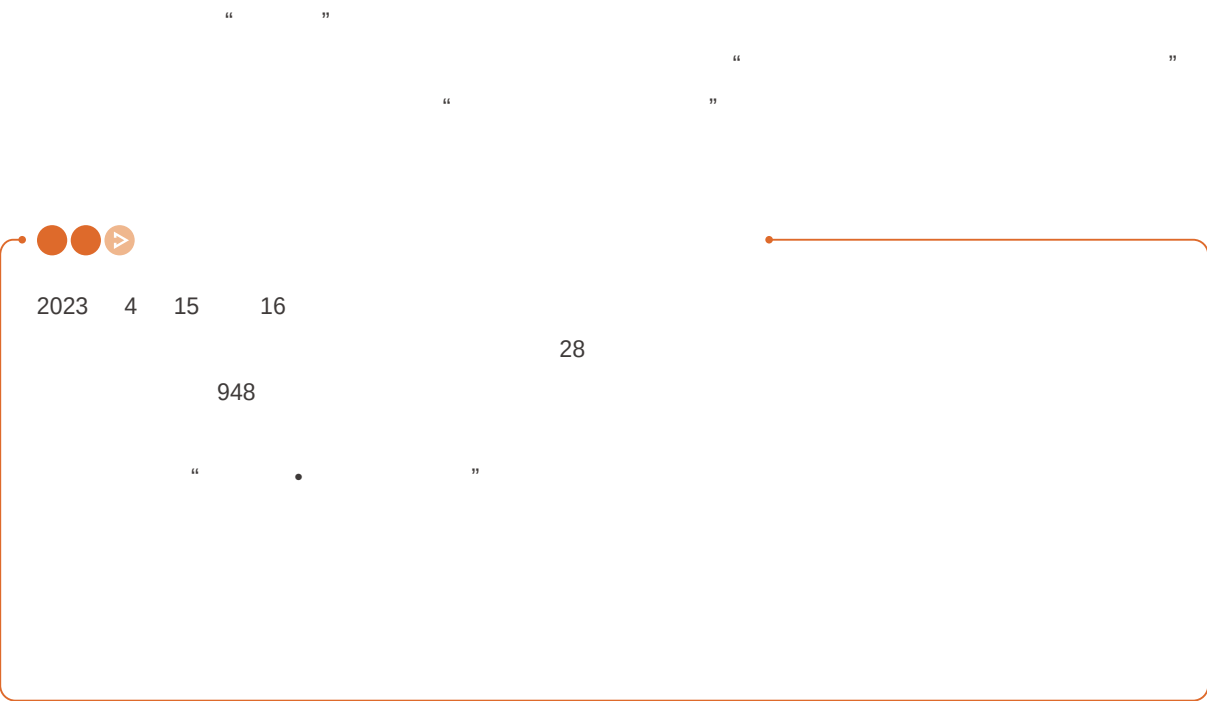
Upholding the People-oriented philosophy, CAM resolutely safeguards the legitimate rights and interests of employees, earnestly protects their mental and physical health, and continuously improves the remuneration incentive system. We actively broaden internal communication channels, strive to create a sound workplace atmosphere highlighting harmony and inclusion, so as to facilitate them to realize common progress and sustainable development with the Company.

2023



Cultivating Sci-tech Talents

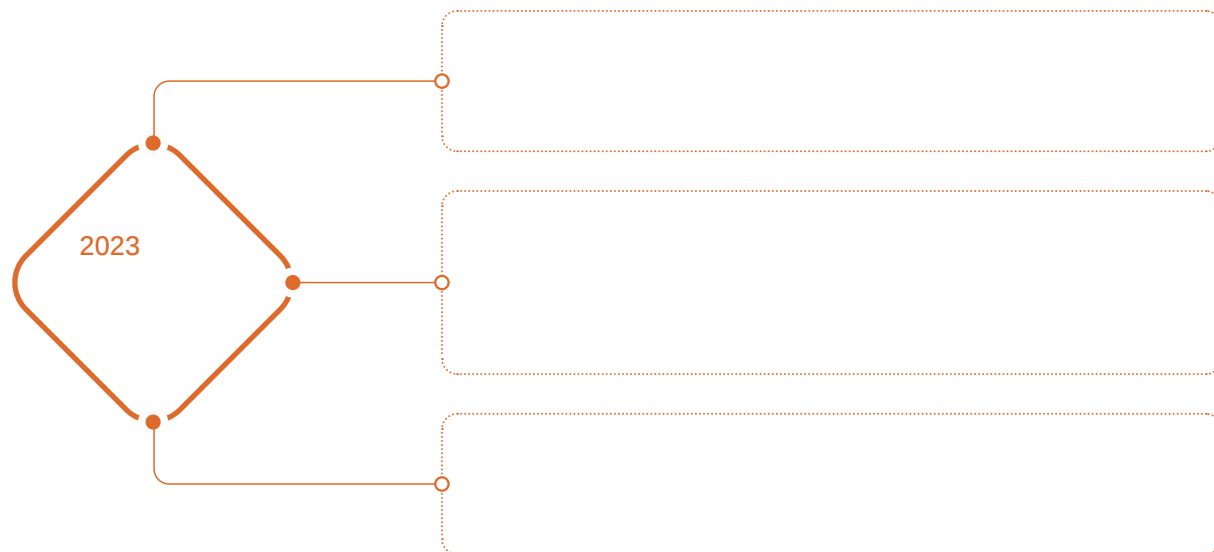
CAM steps up efforts to cultivate a contingent of talents including professional researchers, chief scientists, outstanding experts, implement S&T talents incentive and protection policies, and strengthen the independent cultivation of leading talents on the sci-tech front, young scientists, and highly skilled talents, striving to build a contingent of high-quality and high-caliber talents to consolidate the talent base for promoting S&T innovation and industrial upgrading in the fields of industrial machine tools and industrial software.



Encouraging S&T Talents

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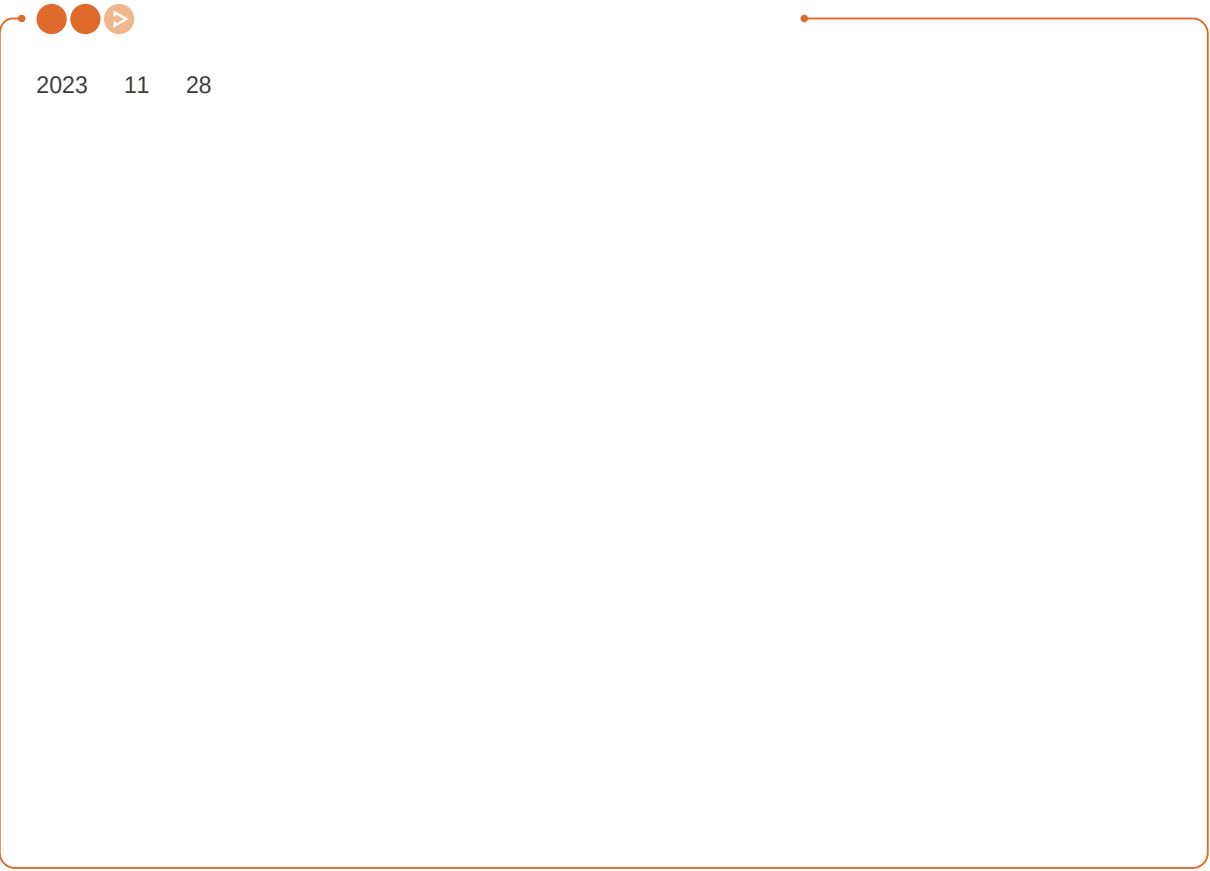
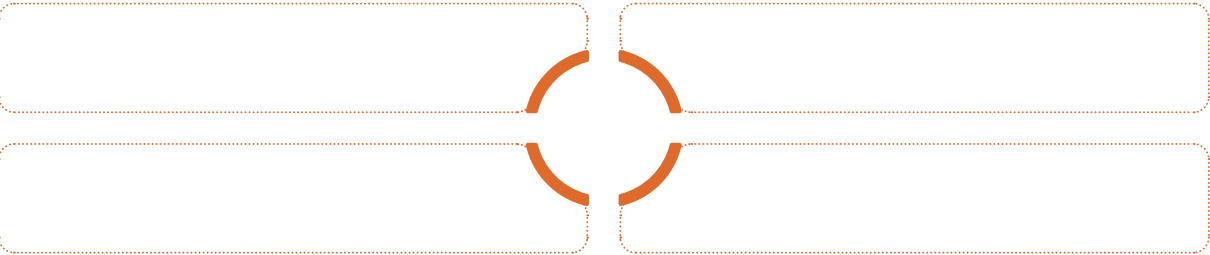


Empowering Employees Development

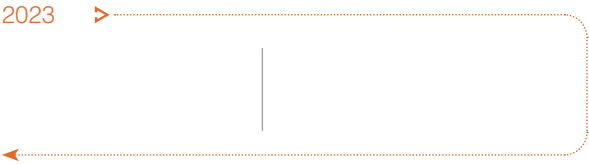
CAM strives to become a cradle for cultivating innovative talents. We put in place a comprehensive HR management system, improve the working mechanism of innovative talents, and continue to deepen three institutional reforms. We innovate training system to cater learning needs of different employees, so as to ensure all employees to play out potentials and realize personal value in their respective positions.

Innovating Employee Training

[illegible]



Facilitating Career Development



Caring for Employees Life

Upholding employee-centered concept, CAM fully understands and actively addresses the practical life needs of all employees, strengthens management of workplace safety, carries out a variety of corporate culture and employee care activities, and creates a more comfortable and harmonious workplace, with an aim to help employees achieve work-life balance.

Strengthening Workplace Safety



Caring for Special Employees

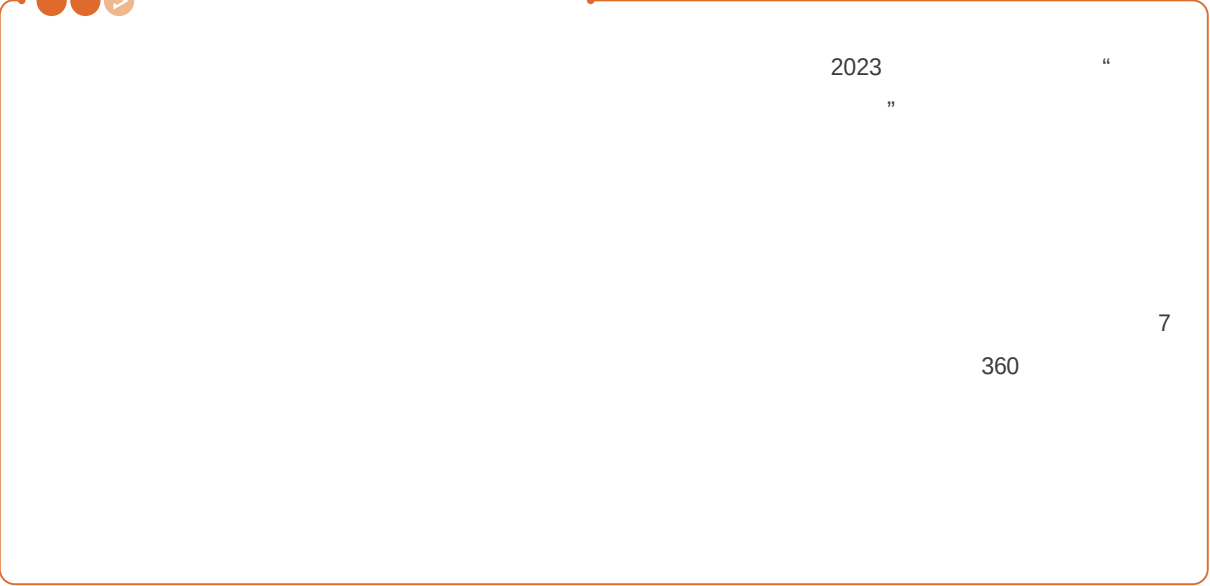
Doing Pratical Things for Employees



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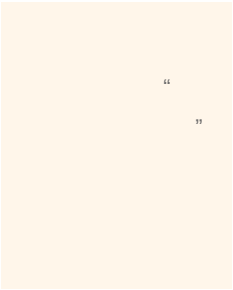


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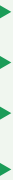


Creating Vigorous Workplace

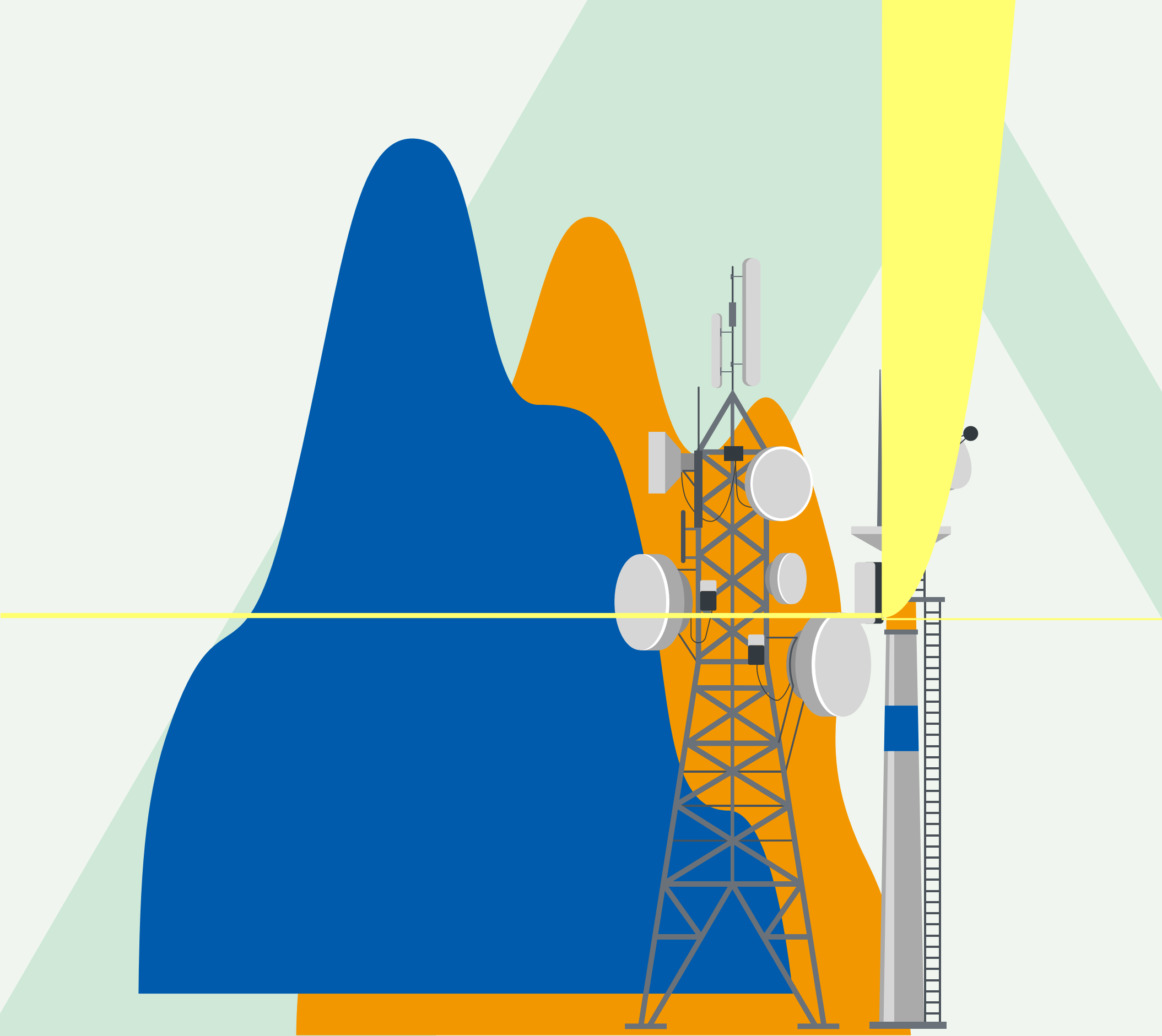
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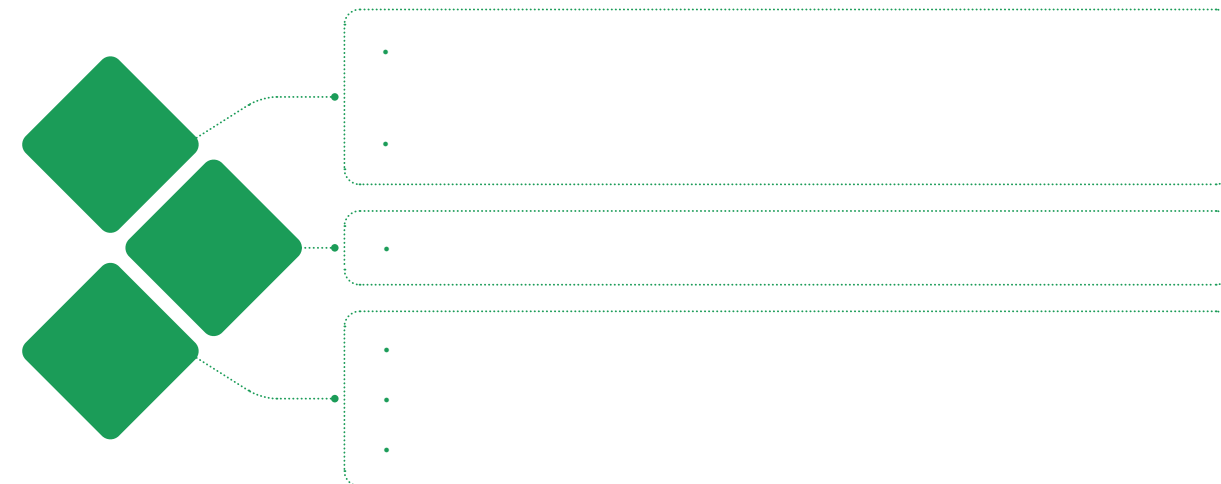
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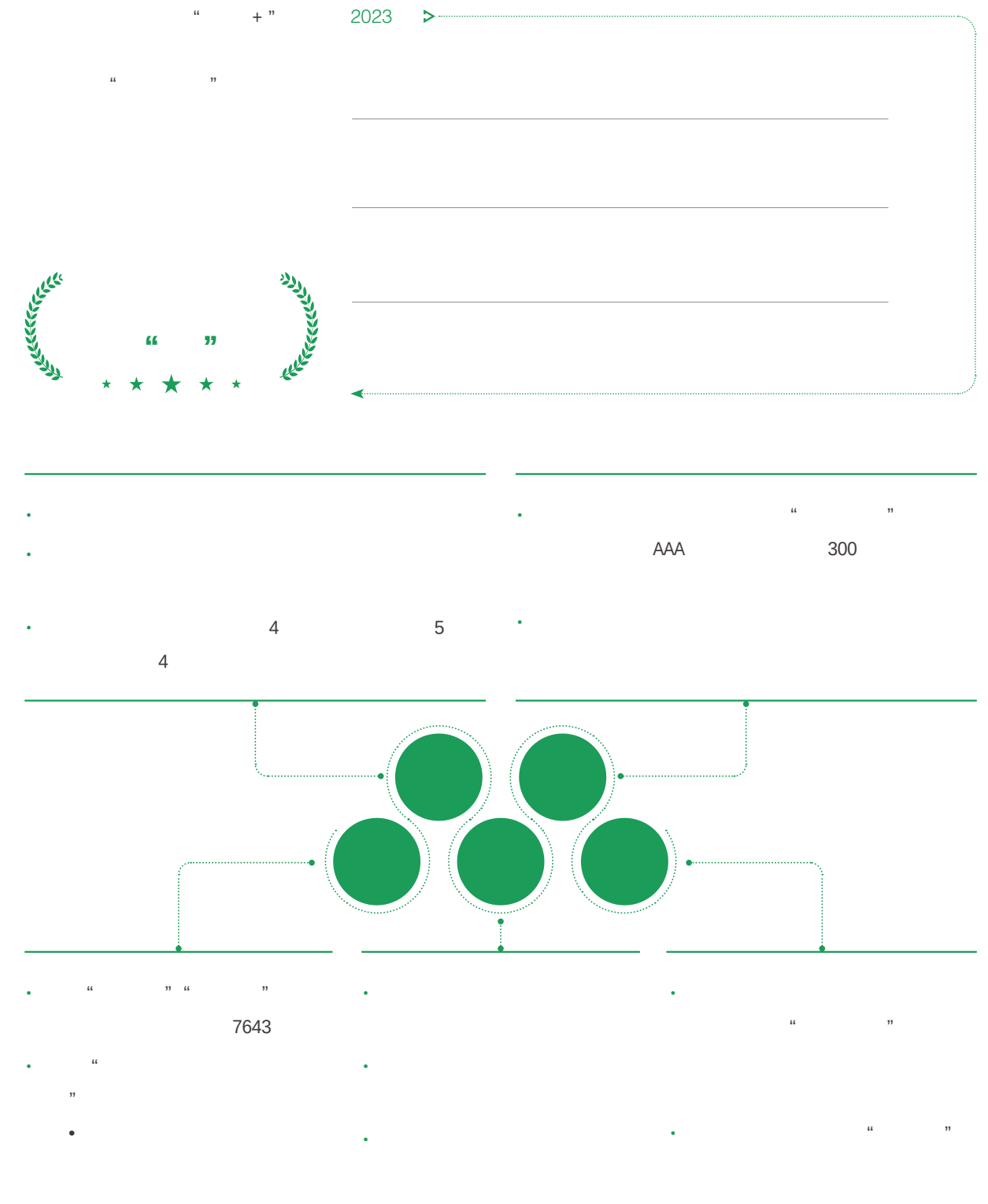
Supporting Rural Vitalization

Comprehensively implementing requirements of the CPC Central Committee and the State Council on advancing rural vitalization across the board, CAM bears in mind the cause of the country, shoulders the responsibilities of the nation, and focuses on the revitalization of businesses, talent, culture, ecosystems, and organizations in the countryside. We give full play to our advantages as a S&T central SOE to enrich the whole-chain dimensions of the assistance model of helping impoverished people access education and build aspirations, thus providing support and assistance to rural vitalization.

Consolidating Organizational Foundation



Intensifying Assistance Measures





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Cultivating Future Talents

CAM makes coordinated efforts to deepen reform and innovation on identifying and cultivating talents, bringing them in and put them in good use. Featured with innovations in the fields of industrial machine tools and industrial software, we create high-quality postgraduate programs highlighting the unique strength of the Group, contributing to building China into a leading country in education, science and technology and talent.

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Engaging in Charitable Activities

CAM pushes forward the volunteer spirit of dedication, friendship, mutual help and progress, actively fulfills social responsibilities, and encourages and supports employees to participate in volunteer services and public welfare activities, so as to convey warmth and care to the society and jointly create a promising future.



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Spearheading Green Development

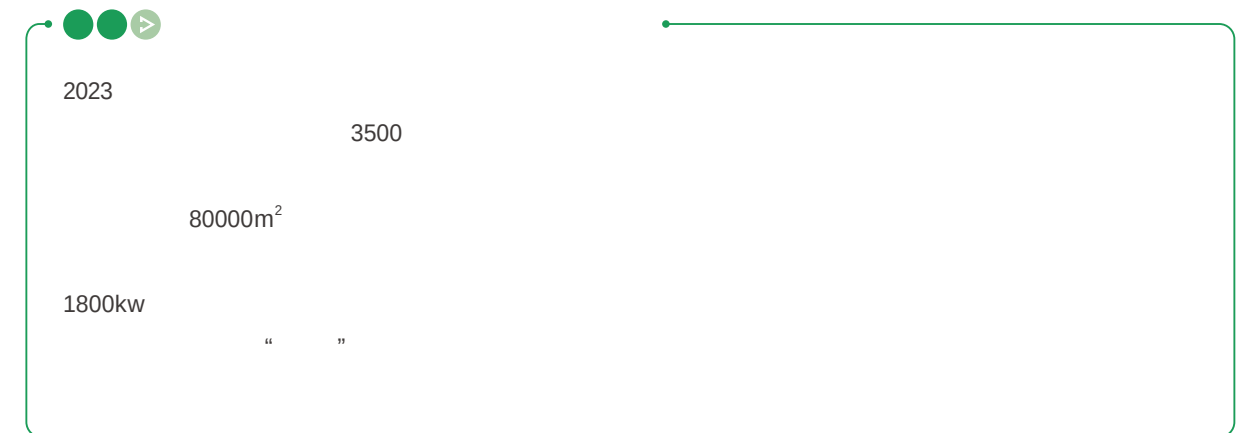
CAM keeps promoting green, low-carbon and sustainable development, and has formulated the carbon peaking plan of the Group. We actively carry out green operations, offer green services, support the high-quality development of China's green manufacturing by leveraging our technological strength to enhance ecological conservation, so as to contribute our part to the realization of China's 30-60 Decarbonization Goal.

Deepen Green Operation

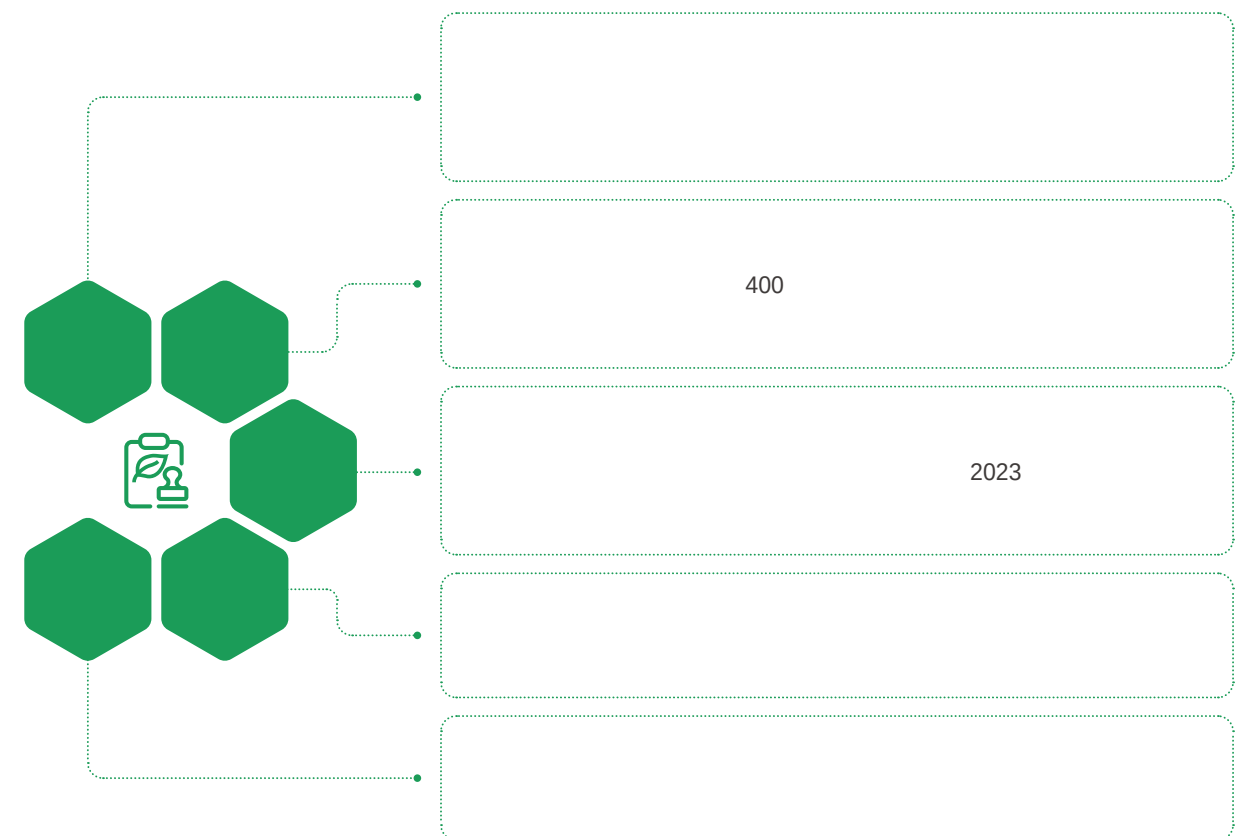
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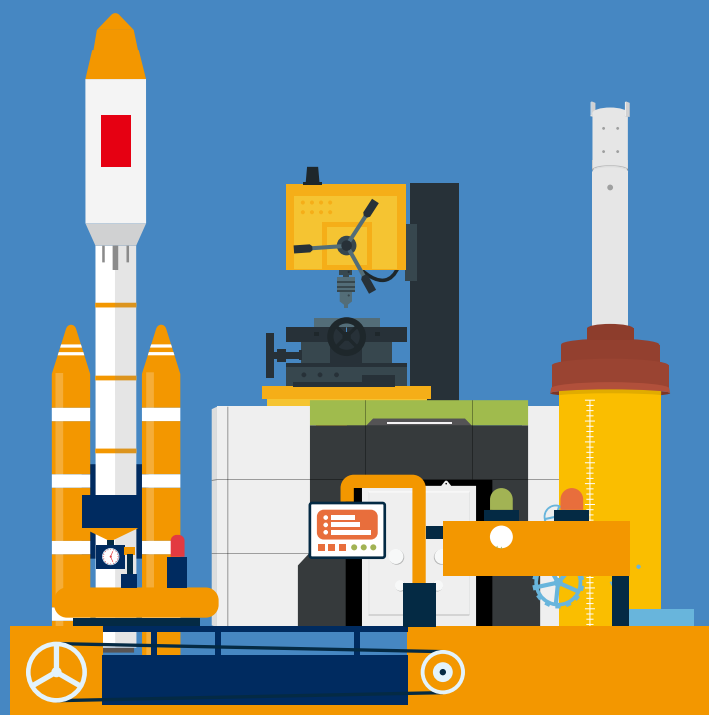
Providing Green Services



破浪斩风 向新而行

Striving Forward into New Future

2024 is the 75th anniversary of the founding of China, and it is a key year for implementing the 14th Five-Year Plan. CAM will adhere to the guidance of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, strengthen the comprehensive leadership of the Party, focus on the main line of high-quality development, anchor the forward-looking strategic emerging industries, and deepen the creation of Party Building Brand of “Conviction Enhancement and Action Empowerment”, comprehensively deepen the strategic measures of industrial machine tools and industrial software, and actively create new quality productivity, better play the role of sci-tech innovation, industry control and security support, and write a new chapter of high-level technology self-reliance and self-improvement.



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